88065031

TN
859
.U82
W418
no. 2
fd.
v. 3

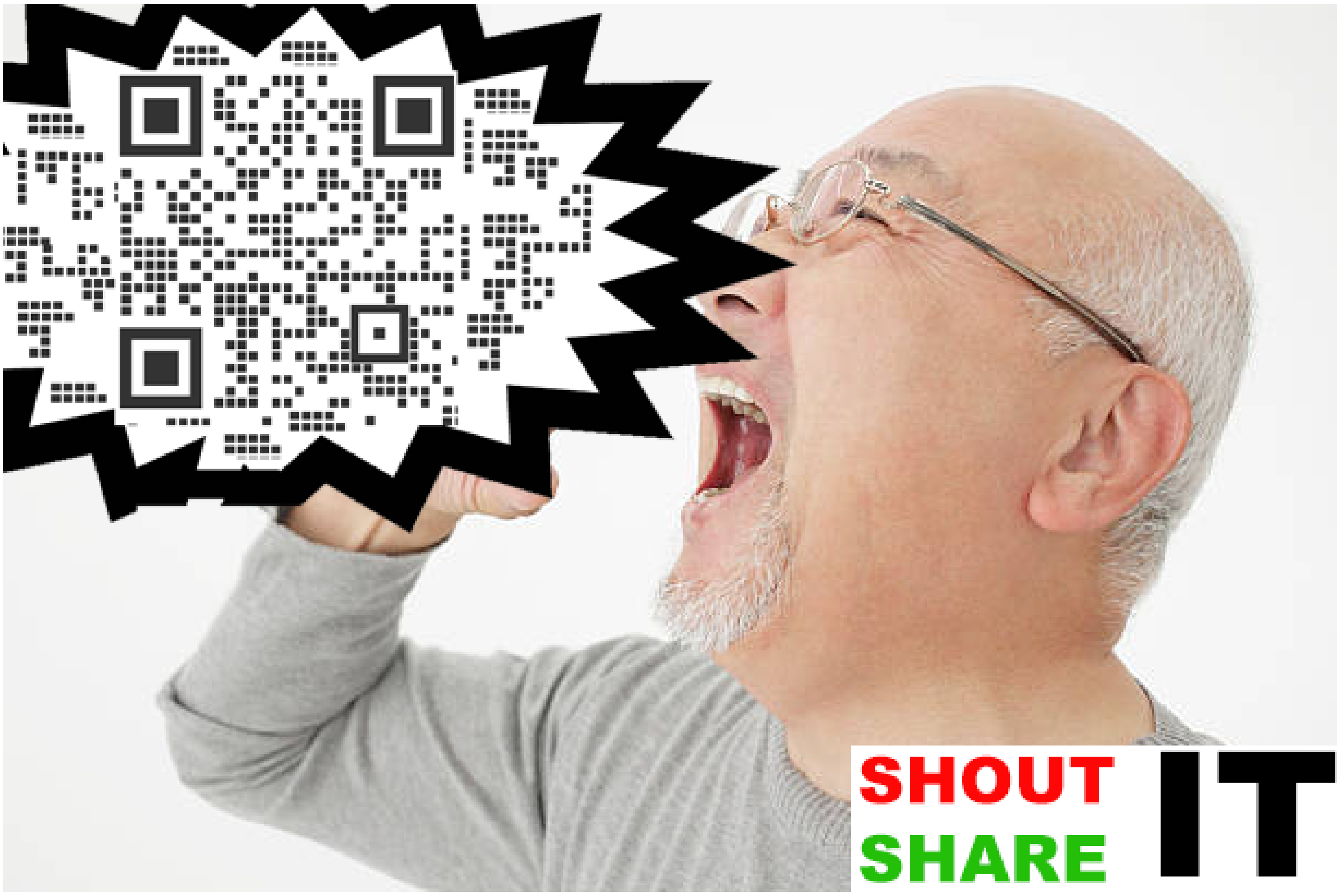
QUARTERLY REPORT #2

FIELD DATA

BLM Library
D-553A, Building 50
Denver Federal Center
P. O. Box 25047
Denver, CO 80225-0047

TABLE OF CONTENTS

VOLUME	PART	DATA SECTION
1.	I.	SUMMARY
	II.	WATER RESOURCES
		A. Surface Hydrology
		1. Conductance
		2. Temperature
		3. Stream Flow
		4. USGS Miscellaneous Stream Discharge
		5. VTN Precipitation Data
2.		B. Surface Water Quality
		Surface Water Quality
		C. Ground Water
		1. Ground Water Wells
		2. Ground Water Well Cross Sections
		3. Continuous Ground Water Level Monitoring for Wells: P-1, P-2 and P-7
		D. Ground Water Quality
		Ground Water Quality for Wells: P-1, P-2, P-3, G-5, G-8, G-10, G-11, G-12, G-13, G-14, G-15, G-16A and G-20
3.	III.	AIR RESOURCES AND METEOROLOGY
		1. Weather Logs
		2. Air Quality/Meteorological Data
		3. Air: Miscellaneous Data
	IV.	BIOLOGY
		A. Vegetation
		1. Preliminary Species List for Four Vegetative Types
		2. Phenology Sampling
		B. Terrestrial Vertebrates
		Terrestrial Vertebrates
		C. Aquatic Biology
		1. Fish Collected from White River, Utah
		2. Aquatic Biology Sampling Stations F-3 and F-4
4.	V.	GEOLOGY AND SOILS
		Lithic Logs of Borings for Wells: G-1 to G-22 (except 9)
5.		P-1 to P-4
	VI.	HISTORIC AND SCIENTIFIC INVESTIGATIONS


SHOUT
SHARE
IT

TN
859
U82
W418
no.2
f.d.
v.3

BLM Library
D-553A, Building 50
Denver Federal Center
P. O. Box 25047
Denver, CO 80225-0047

III. AIR RESOURCES AND METEOROLOGY

Final Submission

DATA AVAILABLE IN LONG BLACK NOTEBOOKS. THE following DATA IS PRELIMINARY. PLEASE REFER TO FINAL SUBMISSION OF 19 JULY 1976

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

November 74 - December 74

January 75 - February 75

Submitted 19 July 1976

AeroVironment Inc.
145 Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the Final submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub.

This covers the first and second quarters from 1 November 1974 through 28 February 1975.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, σw
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log
2. Rawinsonde Data Plots

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), $HC = THC - CH_4$, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, $NO = NO_x - NO$
10. Nitrogen Dioxide, NO_2
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA	Calibration
MT	Maintenance (changing paper, tape, filters)
FO	Flame out (on the gas chromatographs)
IM	Instrument malfunction, not discovered until after data had been collected.
PF	Power Failure (generator failure)
RF	Recording system failure (chart jams, runs out, tape punch fails)
LI	Local Interference (car nearby, contamination by generator)
OS	Off scale (at top of chart, data presumed good)
SE	Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA	Variable wind direction
OR	Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of the November, 1975 data.

III. AIR RESOURCES

This volume contains the second quarterly submittal of air quality, meteorology, noise, and radiology data from the environmental baseline monitoring program for oil shale Tracts U-a and U-b. Although the quarter is from December 1, 1974, through February 28, 1975, the data presented includes that collected since monitoring began in November, 1974 through January 31, 1975. The November data was submitted in the first quarterly report, but since recalibration of equipment has resulted in minor changes to the data all of it has been resubmitted for continuity. Very little February data is enclosed because most of the data is still being processed.

The data is presented in various formats. Aero-Vironment is using a new computer system, and resolution of problems with the new equipment problems has slowed data processing. These problems resulted in occasional inconsistencies in the units of measurement of pollutants (e.g., ppm in place of ug/m^3) and contributed to the lack of complete February data. When the system problems are solved, all existing data will be reprocessed by the new computer and will be resubmitted in a consistent form, with all of the quantities expressed in the proper units.

Three categories of data are presented by station number in the following order:

1. Weather logs
2. Air quality/Meteorological data
3. Miscellaneous data

The Air quality/Meteorological data given under each station number appears in the following sequence:

Meteorology

- Wind Speed, WS
- Wind Direction, WD
- Temperature, T
- Lapse Rate, ΔT, between 10-30 meters
- Root-mean-square variation in wind direction σ_0

Air Quality

- Total Sulfur, TS
- Hydrogen Sulfide, H_2S
- Sulfur Dioxide, SO_2
- Methane, CH_4
- Hydrocarbons (methane-reduced), $HC = TCH - CH_4$
- Carbon Monoxide, CO
- Nitrogen Oxides, NO_x
- Nitrogen Dioxide, NO_2
- Ozone
- Scattering coefficient, b_s

All of these parameters are not measured at all stations.

A general section following the data from Station A-12 contains miscellaneous data including;

radiation measurements by the high pressure ion chamber, which is rotated among all the 12 sites.

The data tabulations contain the average values for each day and the peak hourly average for the day. The average for each hour is

averaged over the month and appears at the bottom of the page.

The following symbols are used on the data sheets:

CA - Calibration

MT - Maintenance (changing paper, tape, filters)

FO - Flame out (on the gas chromatographs)

IM - Instrument malfunction

PF - Power failure (generator failure)

RF - Recording system failure (chart jams, runs out, tape punch fails)

LI - Local interference (car nearby, contamination by generator)

OS - Off scale (at top of chart)

SE - Special experiment (instrument off line for bag sample analysis or removed for special measurements in area)

The stamp "Corrected Data" means that all calibration factors have been entered into the tabulated data. If a page is stamped "Uncorrected Data", it is possible that small adjustments in data values still remain to be inserted, usually because correction for drift has not been made pending a succeeding calibration.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind directions divided into 16 sectors, with a "1" indicating a prevailing direction between 348.5 and 11.0, and so forth.

III.

1. WEATHER LOGS

WEATHER LOG

Month NOVEMBER Year 1974 Location OIL SHALE – UTAH

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	⦶	—	DRY	⦶	—	DRY		
2	⊕	RAIN	Wet	⊕	RAIN	Wet		
3	⊕	RAIN	Wet	⊕	RAIN	Wet		↑
4	O	—	DRY	O	—	DRY		
5	O	—	DRY	O	—	DRY		
6	⦶	—	DRY	⦶	—	DRY		
7	⦶	—	DRY	⦶	—	DRY		
8	⦶	—	DRY	⦶	—	DRY		
9	O	—	DRY	O	—	DRY		
10	O	—	DRY	O	—	DRY		
11	O	—	DRY	O	—	DRY		
12	O	—	DRY	O	—	DRY		
13	O	—	DRY	O	—	DRY		
14	O	—	DRY	O	—	DRY		
15	⊕	—	DRY	⊕	—	DRY		
16	⊕	—	DRY	⊕	—	DRY		
17	⊕	—	DRY	⊕	—	DRY		
18	⊕	—	DRY	⊕	—	DRY		
19	O	—	DRY	O	—	DRY		
20	⦶	—	DRY	⦶	—	DRY		
21	⊕	—	DRY	⊕	—	DRY		
22	⦷	—	DRY	⦷	—	DRY		
23	O	—	DRY	O	—	DRY		
24	O	—	DRY	O	—	DRY		↓
25	O	—	DRY	O	—	DRY		
26	O	—	DRY	O	—	DRY		
27	S ⦶ H	—	DRY	S ⦷ h	—	DRY		
28	O	—	DRY	Cu ⦶ L	—	DRY		
29	O	—	DRY	O	—	DRY		
30	O	—	DRY	O	—	DRY		
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊖ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

Ivar Lombach

WEATHER LOG

Month December Year 1974 Location Utah Oil Shale

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	Dry	O	—	Dry		
2	S ⦶ h	—	Dry	O	—	Dry	River 30% Ice Covered	
3	O	—	Dry	O	—	Dry		
4	S ⦶ h	—	Dry	⊕ l	—	Dry		
5	⊕ l	Snow	½" Snow	⊕ l	Rain	Wet	Very Light Drizzle	
6	O	—	Wet	O	—	Dry	Freezing Fog & Heavy Frost 0700	
7	⊕	Lt Snow	Wet	⊕ l	Lt Snow	Wet		
8	O	—	Dry	O	—	Dry		
9	O	—	Dry	O	—	Dry		
10	O	—	Dry	S ⦶ h	—	Dry		
11	O	—	Dry	Ci ◍ h	—	Dry	River 40% Ice Covered	
12	O	—	Dry	O	—	Dry		
13	⊕ l	Lt Snow	2" Snow	⊕ l	—	2" Snow	1" Snow on Ground By 0730	
14	O	—	2" Snow	O	—	1½" Snow	River 50% Ice Covered	
15	⊕ l	—	1½" Snow	⊕ l	—	1½" Snow		
16	Ci ◍ h	—	½" Snow	O	—	Dry		
17	O	—	Dry	S ◍ h	Snow	½" Snow		
18	O	—	Dry	⊕ l	—	Dry		
19	O	—	Dry	S ⦶ h	—	Dry	River 100% Ice In places	
20	⊕ h	—	Dry	⊕ h	—	Dry		
21	O	—	Dry	O	—	Dry		
22	O	—	Dry	⊕ h	—	Dry		
23	⊕ h	—	Dry	⊕ h	—	Dry		
24	Ci ◍ h	—	Dry	Ci ⦶ h	—	Dry		
25	O	—	Dry	O	—	Dry		
26	S ⦶ h	—	Dry	O	—	Dry		
27	O	—	Dry	⊕ l	—	Dry		
28	⊕ l	—	Dry	⊕ l	—	Dry		
29	⊕ l	Snow	1" Snow	⊕ l	Snow	1½" Snow		
30	⊕ l	Snow	2" Snow	O	—	1½" Snow		
31	⊕ l	Snow	1½" Snow	O	—	1" Snow		

Key: Sky: O Clear; ⦶ Scattered (10-60%), ◍ Broken (60-90%), ⊕ Overcast, Cu Cumulus
Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month JANUARY Year 1975 Location UTAH OIL SHALE

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1								
2								
3								
4								
5			RECORD LOST IN FIELD					
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⊕ Broken (60-90%), ⊖ Overcast, Cu Cumulus
Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month Feb Year 1975 Location UTAH OIL SHALE

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	⊕	Lt Snow	4" Snow	⊕	Lt Snow	4½" Snow		
2	⊕	—	4½" Snow	⊕	Lt Snow	5" Snow		
3	O	—	5" Snow	O	—	4½" Snow		
4	O	—	4" Snow	O	—	3½" Snow		
5	⊕	Snow	5" Snow	⊕	Lt Snow	5½" Snow		
6	⊕	—	6½" Snow	⊕	Lt Snow	6" Snow		
7	O	—	5" Snow	O	—	4" Snow		
8	⊕	—	4" Snow	⊕	Lt Snow	4½" Snow		
9	⊕	Lt Snow	5" Snow	Ci ⦶ h	—	4½" Snow		
10	O	—	4" Snow	O	—	3" Snow		
11	O	—	~3" Snow	O	—	~3" Snow		
12	O	—	2.5" Snow	⊕ S h	—	2.5" Snow		↓
13	⦶ S h	—	2.5" Snow	⦶ S h	—	2.5" Snow		
14	⦶ S	-S	3" Snow	⦶ S	-S	3" Snow		
15	⦶ S h		3" Snow	⦶ S h		3" Snow		
16	⦶ S h		3" Snow	⦶ [illegible] h		3" Snow		
17	O		3" Snow	⦶ S h		2½" Snow		GWC
18	O		2½" Snow	O		2½" Snow		
19	⦶ Ci		2" Snow	⦶ Ci		2" Snow		
20	⦶ S h		2" Snow	⦶ N h		2" Snow		
21	O		2" Snow	⦶ Cu h		2" Snow		
22	O		2" snow	O		2" snow		
23	O		2" Snow	O		2" snow		↑
24	O		2" snow	O		1.5" snow		
25	Ci ⦶ h	—	Muddy	O	—	Muddy		
26	Ci ⦶ h	—	Muddy	Ci ⦶ h	—	Muddy		
27	⊕	—	Frozen Mud	Ci ⦶ h	—	Muddy		
28	Ci ⦶ h	—	Muddy	Ci ⦶ h	—	Muddy		
29								
30								
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦵ Broken (60-90%), ⊕ Overcast, Cu Cumulus
Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

III.

2. AIR QUALITY / METEOROLOGY DATA

STATION A-1

UNCORRECTED DATA

QC Checked 2-17-75 By: D. 6 JB

ENTERED

STATION WIND SPEED (MPH)

10-m

DATA FOR MONTH OF Dec 1974 STATION NUMBER A1
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY AJH

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
335 1																												
36 2																												
37 3																												
38 4																												
39 5																												
40 6																												
41 7																												
42 8																												
43 9																												
44 10																												
45 11																												
46 12																												
47 13																												
48 14																												
49 15																												
50 16												START ——→				3.5	1.5	2.5	1.0	1.0	2.5	2.0	1.0	1.0		/	/	
51 17	.5	.5	1.5	1.0	2.5	3.0	3.0	2.0	3.0	2.5	3.0	3.5	3.5	4.5	3.5	4.5	12.5	7.0	4.5	6.0	4.5	1.5	1.5	2.0		12.5	1600	
52 18	1.5	1.5	.5	.5	1.0	.5	1.5	1.0	3.0	2.5	3.0	2.0	1.5	2.5	3.0	3.5	2.0	1.0	2.0	1.5	1.0	1.5	1.5	2.5		3.5	1500	
53 19	1.0	1.5	4.0	2.0	4.5	3.5	4.5	4.0	2.0	3.5	2.5	9.5	8.5	10.0	10.5	4.5	8.5	7.0	5.0	3.5	1.0	0	0	2.0		10.5	1400	
54 20	1.0	0	.5	1.0	1.5	0	.5	1.0	.5	.5	1.5	1.5	←P	F→	.5	3.5	4.0	4.5	3.0	2.0	1.5	1.0	1.0	3.5		4.5	1700	
55 21	3.5	2.5	2.0	.5	2.5	1.0	1.5	.5	1.0	1.5	2.0	3.0	2.5	1.5	0	.5	4.0	3.0	4.0	7.5	7.0	17.0	6.5	7.5		17.0	2100	
56 22	11.5	12.0	12.0	11.5	15.0	10.5	5.0	4.5	1.0	3.0	7.5	9.2	10.5	12.5	12.5	11.5	8.0	5.0	3.5	5.0	4.5	6.5	5.0	2.5		15.0	0400	
57 23	1.0	1.0	1.0	.5	0	.5	1.0	0	.5	0	0	0	1.0	1.5	2.0	2.5	3.5	3.5	2.5	2.5	1.5	1.0	2.5	2.5		3.5	16/17	
58 24	3.0	0	4.5	1.5	.5	1.5	0	.5	0	.5	1.5	.5	2.5	3.0	3.5	3.0	1.5	1.0	.5	.5	0	.5	1.0	.5		4.5	0200	
59 25	1.0	0	1.0	2.0	.5	.5	1.0	.5	0	.5	1.0	2.0	1.5	1.5	1.0	1.0	0	1.0	.5	1.0	1.0	1.0	.5	.5		2.0	03/11	
60 26	1.0	1.5	0	1.5	.5	3.0	1.0	1.5	2.0	3.5	3.5	1.0	3.0	2.5	1.0	2.0	1.5	1.0	3.5	1.0	.5	.5	0	0		3.5	04/10	
61 27	1.0	1.0	1.5	0	2.5	1.0	1.0	0	1.0	0	←	MT	→	2.5	1.0	0	0	0	0	0	.5	.5	0	0		2.5	[illegible]	
62 28	1.5	0	0	0	.5	0	.5	0	0	0	0	.5	0	0	1.5	3.0	.5	.5	.5	0	.5	0	0	0		3.0	1500	
63 29	0	0	0.0	0	2.0	3.5	0	0	0	0	.5	0	0	.5	2.0	1.5	3.5	3.5	.5	2.5	.5	0	0	0		3.5	16/17	
64 30	1.0	0	0	.5	2.0	1.0	0	0	0	0	0	3.0	.5	.5	0	2.0	1.0	.5	0	.5	2.0	2.0	.5	1.0		3.0	1100	
65 31	1.5	1.0	2.0	.5	3.0	1.5	1.0	1.0	.5	0	0	1.0	1.0	1.5	1.0	2.5	3.0	.5	.5	3.0	1.0	1.0	.5	.5		3.0	man	
Average																												

ok

UNCORRECTED DATA

QC Checked 4-5-75 By: D.L.

STATION WIND SPEED (MPH) 10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A1
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY [illegible]

DAY		CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
366	1	0	0	.5	.5	0	.5	0	1.0	0	.5	2.0	2.0	.5	.5	.5	1.0	5.0	1.5	1.0	0	0	0	.5	.5		5.0	1600	
	2	0	1.0	.5	1.0	0	.5	1.0	2.0	.5	1.0	.5	1.0	1.0	.5	1.0	5.0	3.5	3.5	1.0	2.0	0	1.5	1.0	1.0		5.0	1500	
	3	1.0	1.0	1.0	1.0	1.5	2.0	1.5	2.5	.5	0	.5	1.0	1.0	1.0	2.0	1.0	1.5	1.5	.5	1.0	1.0	1.0	1.5	1.5		2.5	0700	
	4	2.5	2.5	.5	1.0	3.0	1.0	1.0	1.5	0	1.0	0	2.5	5.0	1.5	3.5	6.0	1.5	0	0	2.0	3.0	.5	2.5	.5		6.0	1500	
	5	3.5	2.0	1.0	1.5	.5	1.0	1.0	1.0	.5	1.0	1.0	1.0	1.5	2.5	1.0	.5	1.0	2.5	4.5	2.5	1.5	0	1.0	3.0		4.5	1800	
	6	.5	.5	.5	2.5	2.5	3.0	2.0	2.0	1.5	1.0	1.0	.5	3.0	1.0	1.0	1.0	7.0	5.0	4.5	2.5	2.0	2.0	.5	.5		7.0	1600	
	7	.5	1.5	1.0	1.0	1.0	1.0	4.5	5.0	2.5	3.0	1.0	.5	4.0	6.0	8.5	3.5	1.5	1.0	3.0	1.0	0	2.0	1.5	1.0		8.5	1400	
	8	4.0	1.5	1.5	1.0	1.5	1.0	3.5	7.0	2.5	4.0	8.5	2.5	5.0	2.5	2.0	.5	2.0	3.0	3.5	3.0	1.0	3.0	1.0	0		8.5	1000	
	9	5.5	3.5	4.5	1.0	2.5	1.0	.5	.5	1.0	1.0	2.0	1.5	1.0	.5	0	0	0	.5	2.0	4.0	5.5	4.5	6.5	6.0		6.5	2200	
	10	5.0	4.0	.5	1.0	0	.5	2.0	1.0	3.5	.5	.5	0	0	.5	0	0	1.0	.5	1.0	2.0	2.5	1.0	1.0	2.0				
376	11	1.0	1.5	.5	.5	1.0	4.0	3.0	3.0	2.0	1.0	3.0	0	0	2.5	4.5	5.0	2.0	1.5	4.5	2.0	1.0	2.0	1.0	1.5				
	12	2.0	1.0	1.5	2.0	2.0	0	.5	0	0	3.5	2.0	.5	.5	.5	.5	1.5	1.5	.5	0	4.0	1.0	0	0	.5				
	13	.5	.5	2.0	3.0	2.0	1.0	1.0	3.0	2.0	.5	1.5	0	.5	3.0	2.0	2.5	3.5	0	0	3.0	2.0	2.0	1.0	.5				
	14	1.0	1.0	2.0	1.5	2.0	.5	4.0	3.0	1.5	1.0	1.0	1.5	1.0	1.0	0	0	.5	0	.5	.5	1.0	0	0	.5				
	15	1.5	1.5	1.0	2.0	1.5	3.0	1.5	1.5	2.0	.5	0	0	0	0	0	0	3.5	2.5	.5	0	0	1.5	1.0	2.0				
	16	1.5	1.5	.5	1.0	2.0	1.0	3.0	1.0	2.5	.5	0	0	1.5	1.5	1.0	3.0	3.0	2.5	2.0	3.0	2.0	5.5	.5	1.5				
→	17	.5	1.0	2.0	1.5	2.0	1.0	1.0	2.0	.5	2.5	1.5	2.5	4.0	3.0	3.0	2.5	2.0	3.0	1.0	.5	1.0	.5	.5	2.5				
	18	1.0	0	.5	1.5	2.0	1.0	1.5	1.0	1.0	1.5	3.0	2.0	1.0	2.0	1.5	5.0	5.0	3.0	2.0	2.0	4.0	2.5	1.0	4.0				
	19	1.5	1.0	1.0	1.0	0	.5	1.0	0	.5	0	1.0	1.5	1.0	1.0	.5	3.0	1.5	.5	.5	.5	0	0	3.0	.5				
	20	.5	2.0	3.5	<—R	F—>	3.0	<R	F—>	4.0	<R	F—>	5.5	4.5	3.5	4.0	4.0	2.5	4.0	2.0	.5	2.0	4.0	3.5	8.0				
386	21	4.5	3.0	4.5	3.5	5.5	5.0	11.0	4.5	7.0	3.0	9.0	11.5	11.5	12.0	12.0	12.5	11.0	8.5	3.0	2.5	3.0	1.0	.5	RF				
	22	0	RF	0	0	.5	RF	0	1.0	0	RF	—>	1.0	.5	1.0	1.0	.5	.5	1.0	0	1.5	.5	2.0	1.5	1.5				
	23	1.5	2.0	2.0	1.0	0	3.0	3.5	1.5	1.0	.5	1.5	0	.5	1.5	1.0	1.0	2.0	.5	1.5	0	1.5	1.0	1.5	3.0				
	24	2.5	1.0	.5	4.0	3.0	2.5	1.5	2.5	1.5	0	2.0	3.5	3.5	1.0	3.5	3.5	7.0	3.5	3.0	1.0	2.5	2.5	2.0	2.5				
	25	2.5	2.0	3.0	2.0	2.5	3.5	3.0	2.0	2.0	3.0	4.5	4.5	5.0	11.5	11.5	9.5	7.0	8.5	3.5	3.0	1.5	1.0	1.5	1.5				
	26	2.0	.5	2.0	RF	.5	<---	RF-	—>	1.0	2.0	2.5	2.5	[illegible]	11.5	13.0	13.0	12.0	10.0	4.0	2.5	2.0	1.0	2.0	2.5				
	27	3.5	1.5	3.0	2.0	1.0	RF	1.0	RF	0	RF	1.5	1.5	2.5	4.0	3.5	3.0	2.0	4.0	3.5	.5	0	RF	2.0	4.0				
	28	1.5	0	1.5	3.0	1.0	3.5	3.0	RF	1.0	RF	1.0	2.5	4.5	10.5	10.5	[illegible]	11.5	7.0	2.5	3.5	2.0	RF	1.5	RF				
	29	4.0	<	—	—	—	RF	—	—	—	>	1.5	RF	.5	.5	.5	1.0	.5	0	.5	0	0	RF	.5	RF				
	30	1.0	<—	—	RF	—	—>	3.0	<—	RF	—>	.5	RF	0	RF	.5	RF	.5	RF	.5	RF	RF	4.0	RF	—>				
396	31	RF	1.5	4.0	2.0	RF	2.0	RF	1.0	<—	RF	—	—>	3.5	<R	F—>	4.	.5	3.5	2.5	RF	.5	0	0	RF				
Average																													

WIND DIRECTION -10M
DEGREES

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
DECEMBER, 1974
SITE A 1
AEROVIRONMENT INC.
REPORT PREPARED BY G.G.

QC Checked 4/1/75 By: MB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
12	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
13	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
14	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
15	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
16	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ START →	120	195	215	110	170	165	180	175	200	9
17	165	170	185	185	175	180	175	165	120	165	205	160	185	245	220	170	230	225	230	230	210	155	175	240	9
18	175	135	165	130	115	160	135	190	135	130	95	135	155	255	165	20	35	160	160	140	230	225	165	185	7
19	160	230	175	245	195	200	160	215	220	195	135	235	230	235	230	225	215	225	225	220	170	165	225	270	11
20	150	155	150	240	215	220	205	195	185	205	165	110	$$$ OFF	$$$	150	155	90	30	60	90	280	165	150	170	8
21	160	110	155	170	180	245	210	195	195	155	170	180	170	165	190	195	200	160	205	225	195	180	180	205	10
22	230	215	240	225	230	230	235	230	155	150	220	225	230	235	230	225	230	225	225	215	220	230	235	220	11
23	235	265	160	190	235	205	205	180	145	170	225	155	225	120	[illegible]	135	85	40	85	60	65	70	80	115	9
24	110	240	300	225	205	235	150	155	205	155	80	90	170	180	120	160	50	85	240	205	240	200	220	215	8
25	150	180	165	200	180	205	165	220	150	105	135	120	170	185	190	200	180	165	205	150	190	170	160	175	9
26	170	190	210	210	165	130	165	180	140	140	115	155	185	210	200	190	165	180	265	215	185	170	195	175	9
27	140	170	170	185	195	195	200	215	145	110	$$$ —	$$$ NT	$$$	150	270	150	195	170	185	165	235	155	170	235	9
28	170	190	135	160	140	125	210	165	150	170	160	220	165	195	170	160	195	195	190	145	250	165	190	185	8
29	195	170	205	165	150	150	170	210	255	210	240	160	110	140	195	135	90	115	15	120	125	175	160	180	8
30	215	165	165	200	175	130	200	205	195	180	135	115	120	175	185	140	130	265	210	165	185	150	190	220	9
31	220	245	110	149	95	175	150	175	215	195	160	160	135	170	220	230	90	155	210	250	225	180	160	160	8
PV	8	9	8	9	9	10	10	9	7	10	8	8	9	9	9	8	5	8	10	11	9	8	9	9	

OK

CORRECTED DATA

QC Checked 4-5-75 By: D.G.

STATION WIND DIRECTION 10m
(Deg)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A1
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1	170	195	225	225	190	205	180	230	165	170	150	115	130	145	160	200	25	120	190	220	250	260	210	175		25	1600	
2	180	190	170	235	210	180	230	195	235	165	190	195	175	155	220	155	100	175	210	195	220	175	135	160		155	1500	
3	210	240	160	210	170	160	190	170	230	145	175	150	145	160	200	190	175	215	195	180	225	185	255	200		170	0700	
4	220	176	165	180	185	205	175	175	180	175	150	145	180	110	190	135	120	155	175	170	135	260	160	190		135	1500	
5	145	225	210	195	205	215	245	240	215	200	145	140	175	200	210	165	130	90	200	195	230	195	190	165		200	1800	
6	170	165	185	175	165	160	170	175	215	180	130	145	195	175	170	160	240	215	200	180	180	180	165	190		240	1600	
7	165	185	155	185	190	200	120	95	150	215	140	110	170	220	125	185	110	195	255	145	155	145	135	165		175	1400	
8	100	115	155	180	105	215	175	160	240	210	230	225	215	160	100	185	160	215	225	220	175	80	150	160		230	1000	
9	210	205	230	180	140	165	180	185	170	155	130	135	100	120	130	70	30	155	170	190	170	225	310	180		210	2200	
10	235	240	190	165	180	175	135	170	210	225	215	125	260	170	140	155	[illegible]	150	140	195	165	170	195	215				
11	210	230	150	150	175	170	195	175	155	160	80	110	115	145	225	115	215	200	215	215	165	220	170	150				
12	[illegible]	170	135	135	180	200	195	150	195	120	135	205	115	105	155	225	175	165	225	RF	165	255	175	150				
13	210	[illegible]	240	150	[illegible]	185	190	190	200	145	115	120	110	115	95	[illegible]	30	210	200	310	200	160	195	210				
14	165	190	190	170	215	225	130	145	210	115	130	110	95	120	130	155	150	130	150	145	225	155	240	150				
15	195	205	175	[illegible]	[illegible]	150	[illegible]	135	110	[illegible]	130	125	[illegible]	90	175	230	235	115	[illegible]	215	110	145	145	195				
16	115	240	130	235	215	235	160	145	240	35	135	120	110	200	205	235	230	255	190	190	165	140	155	210				
17	150	245	150	235	225	300	165	215	125	120	110	155	220	235	230	220	240	215	185	225	195	160	140	130				
18	210	230	[illegible]	225	[illegible]	170	155	225	150	155	125	140	150	175	135	225	100	140	175	150	115	115	210	210				
19	230	215	195	175	215	210	210	170	235	165	130	140	130	155	210	215	220	165	160	170	135	220	175	235				
20	215	210	150	[illegible]	240	200	[illegible]	205	190	150	135	←R	F→	110	210	245	230	225	205	170	[illegible]	[illegible]	230	210				
21	205	155	[illegible]	195	230	190	50	50	80	RF	150	270	230	230	215	225	275	200	←R	F→	215	150	215	RF				
22	110	215	[illegible]	200	150	255	240	RF	255	175	RF	110	150	150	190	185	195	205	[illegible]	250	150	150	215	200				
23	185	195	165	235	200	RF	120	150	[illegible]	150	185	130	120	75	155	245	255	220	215	300	135	240	170	150				
24	150	[illegible]	230	170	170	170	150	175	170	250	165	130	190	120	150	200	230	220	245	190	150	195	190	155				
25	190	240	230	175	180	165	120	155	160	165	235	190	210	235	225	230	235	120	205	175	235	165	190	170				
26	150	210	200	195	225	250	180	225	255	215	160	185	145	175	200	165	190	190	195	235	220	215	155	145				
27	215	220	195	235	145	240	190	195	210	RF	215	210	150	200	240	215	310	250	250	[illegible]	150	185	235	245				
28	170	170	190	RF	215	230	235	150	250	265	160	RF	230	220	220	200	215	215	225	←	RF	→	215	RF				
29	210	RF	200	175	225	RF	240	RF	145	←R	F→	[illegible]	RF	RF	125	RF	150	[illegible]	[illegible]	185	RF	220	175	200				
30	210	185	240	←R	F→	200	RF	135	150	165	115	165	190	115	205	130	185	185	RF	175	230	RF	140	125				
31	175	255	←R	F→	210	RF	180	190	145	RF	150	240	230	165	215	←	—	RF	—	→	195	135	200	245				
Provail-ing																												

STATION A-2

Entered QC Checked ______ By ______

UNCORRECTED DATA

0-75

QC Checked 4-5-75 By: Dlc.

①

STATION WIND SPEED (MPH)
(WS-10 m)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
✓ 16														START→		1.5	2.0	2.5	3.5	4.5	4.0	3.5	1.5	4.0				①
17	2.0	1.5	0.5	1.5	1.0	1.0	1.5	1.5	1.0	3.0	3.0	1.0	3.0	1.5	1.5	1.5	3.0	0.5	3.0	1.0	1.0	1.0	3.0	0.5				
18	2.0	2.0	1.5	0.5	1.0	0.5	1.0	1.5	2.0	3.0	1.5	3.5	3.0	2.5	2.0	4.5	5.0	2.5	4.0	2.0	1.5	1.5	2.0	0.5				
19	2.0	3.0	2.5	1.5	0.5	0.5	1.0	1.5	0.5	0.5	0.5	1.0	1.0	0.5	1.5	4.0	2.0	2.0	2.0	1.0	1.5	1.5	3.5	0.5				
20	1.5	2.0	2.0	1.5	1.5	2.5	2.0	2.5	1.5	2.0	3.5	3.0	3.5	2.5	5.0	4.5	1.5	1.5	1.0	2.0	2.5	2.0	9.5	9.0				
21	6.5	7.5	3.5	[illegible]	5.0	13.5	10.5	5.0	9.0	8.5	10.5	14.5	15.5	14.5	13.5	14.5	9.0	3.0	3.5	4.5	2.0	1.5	4.0	2.0				
22	1.0	2.0	1.5	0.5	0.5	0.5	0.5	1.0	0.5	1.0	1.5	1.5	2.0	0.5	0.5	1.0	1.0	2.5	1.5	2.5	1.5	1.5	1.0	1.5				
23	0.5	1.5	1.5	2.5	1.5	2.5	3.5	2.5	1.5	2.0	2.0	1.5	2.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	1.0	1.5	2.5	3.0				
24	2.0	2.5	2.5	2.0	2.5	2.5	3.5	2.5	3.5	1.5	4.0	2.5	3.5	1.5	4.0	4.5	4.5	6.0	4.0	3.5	3.5	3.0	3.0	3.5				
25	3.0	2.5	1.5	2.0	3.0	2.5	3.5	4.0	6.5	7.5	7.0	1.5	5.5	9.5	10.5	11.0	5.5	6.5	3.0	5.5	9.0	12.5	13.0	13.0				
26	[illegible]	2.5	3.0	5.0	2.5	4.5	1.0	2.5	2.0	2.0	9.0	15.0	20.0	15.0	11.0	9.5	8.5	8.5	7.5	11.0	10.5	5.5	5.0	4.0				
27	3.0	5.5	7.0	4.5	2.0	2.0	[illegible]	[illegible]	2.5	3.0	4.5	2.5	4.0	4.5	3.5	3.0	4.5	3.5	4.5	2.0	1.0	0.5	1.0	0.5				
28	2.5	9.5	1.5	2.0	1.0	4.0	5.5	2.5	9.5	5.5	4.0	3.5	5.5	9.5	11.0	10.5	10.0	2.0	4.5	3.0	1.5	2.0	2.5	3.0				
29	3.5	2.0	1.5	1.5	1.5	0.5	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.0	2.0	1.0	0.5	1.5	1.5	2.5	2.5	1.0	1.0	0.5				
30	1.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0	0.5	1.0	2.5	2.0	1.5	1.5	1.5	2.5	1.0	2.5	0.5	0.5	0.5	3.5	2.5	1.5				✓
31	2.5	4.0	3.0	0.5	1.5	0.5	1.0	1.0	0.5	0	1.5	1.5	1.5	2.0	2.5	2.0	0.5	1.0	0.5	1.0	0.5	1.0	0.5	1.0				
Average																												

ENTERED

UNCORRECTED DATA

QC Checked 4-7-75 By: DG.

①

STATION WIND SPEED (MPH) 16
(WS-20M)

0-75

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												①
15															STA	RT ⟶		4.0	3.5	4.5	4.0	4.5	3.5	5.5				
16	3.5	3.5	3.0	4.0	4.5	3.5	4.5	3.5	4.0	3.0	4.0	4.0	3.5	4.5	4.0	4.5	3.5	4.5	5.5	8.5	5.5	6.0	4.5	5.5				
17	4.5	4.0	3.5	3.0	3.0	4.0	3.5	4.0	4.0	5.0	5.5	5.0	6.0	5.5	6.0	5.5	6.0	5.5	5.5	4.0	4.0	4.5	4.5	4.0				│
18	4.0	5.0	5.0	3.5	3.5	4.0	4.5	4.0	6.0	5.0	4.5	6.5	5.5	5.0	5.5	6.5	6.5	5.5	6.0	4.5	4.0	3.5	4.5	3.5				│
19	4.0	4.5	←	—	—	—	0S	—	—	—	—	→	4.5	5.0	4.5	6.0	4.5	3.5	4.5	3.0	3.5	5.0	7.0	4.0				│
20	4.0	←	—	—	—	—	0S	—	—	—	—	—	→	5.5	8.5	7.5	3.5	4.0	3.5	4.5	4.0	←	0S	→				│
21	←	—	—	—	—	—	—	—	—	—	—	—	0S	—	—	—	—	—	—	—	—	—	—	→				│
22	←	—	—	—	—	—	0S	—	—	—	—	—	→	3.0	3.5	4.0	4.0	4.0	←	—	0S	—	—	→				│
23	←	—	—	—	—	—	0S	—	—	—	—	—	→	5.5	5.0	5.5	5.5	4.5	4.5	←	0S	—	—	→				│
24	←	—	—	—	—	—	0S	—	—	—	—	—	→	7.0	7.0	8.0	13.0	12.0	7.0	7.0	6.5	5.5	6.5	7.0				│
25	6.5	4.0	←	—	—	—	0S	—	—	→	9.5	10.0	←	0S	→	15.0	8.0	10.1	5.5	12.5	12.0	11.5	0S	→				│
26	←	—	—	—	—	—	0S	—	—	—	→	20.0	21.0	18.5	14.5	13.0	12.5	11.5	11.5	15.0	13.0	←	0S	→				│
27	←	—	—	—	—	—	0S	—	—	—	→	4.5	7.0	5.5	5.5	5.0	7.0	5.5	7.5	4.5	2.5	2.5	0S	→				│
28	←	—	—	—	—	—	—	—	—	—	—	—	—	0S	—	—	—	—	—	—	—	—	—	→				│
29	←	—	—	—	—	—	—	—	—	—	—	—	—	0S	—	—	—	—	—	—	—	—	—	→				│
30	←	—	—	—	—	—	—	—	—	—	—	—	—	0S	—	—	—	—	—	—	—	—	—	→				│
31	←	—	—	—	—	—	—	—	—	—	—	—	—	0S	—	—	—	—	—	—	—	—	—	→				↓
Average																												

Entered

UNCORRECTED DATA

QC Checked 2-7-75 By: D.L.

①

STATION WIND SPEED (MPH) 18
(WS - 30m)

0-75

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15															START	→		3.5	3.5	4.0	4.5	4.0	4.0	5.5				①
16	3.5	3.0	3.0	4.0	4.0	3.0	4.5	4.0	4.0	3.0	3.5	4.0	3.5	4.5	2.5	4.5	3.5	5.0	5.5	6.5	6.0	5.0	4.0	4.5				
17	4.0	4.5	3.5	3.0	2.0	3.5	4.0	3.5	3.5	4.0	4.5	4.0	6.0	5.5	5.5	4.5	4.0	4.5	6.0	5.5	4.5	4.5	5.5	5.0				
18	4.5	5.5	5.0	4.0	4.5	4.5	5.0	5.0	7.0	6.0	5.5	7.0	5.0	4.0	5.5	6.0	6.0	4.5	5.0	4.5	4.5	5.0	5.0	4.5				
19	6.5	5.0	0	3.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5	5.5	4.5	4.0	5.5	4.5	3.0	4.0	4.5	5.0	5.5	7.5	5.0				
20	5.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5	8.5	8.0	5.0	5.0	5.0	5.5	6.0	[illegible]	[illegible]	[illegible]				
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.5	4.5	4.5	5.0	5.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.0	5.5	6.0	5.5	4.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.5	7.0	7.5	12.5	4.5	8.0	7.0	6.5	5.5	6.5	7.0				
25	7.0	4.5	6.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.5	11.5	0	14.5	0	14.5	9.5	11.0	10.5	14.5	13.5	18.0	12.5	0				
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.0	21.0	17.0	14.5	12.5	12.5	11.5	12.0	15.0	13.0	0	0	0				
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.5	6.5	6.5	5.5	6.5	8.0	7.0	8.5	6.0	4.5	4.0	0	0				
28	←												IM											→				
29	←												IM											→				
30	←												IM											→				
31	←												IM											→				
Average																												

entered

CORRECTED DATA

QC Checked 4-7-75 By: D.G.

STATION WIND DIRECTION 5 (WD-10 m) DEG 0-540

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16															START →	60	200	125	200	150	140	215	195	140				
17	155	200	150	[illegible]	155	105	210	170	165	135	105	110	50	45	45	60	100	200	180	210	170	125	165	160				
18	210	150	155	135	105	165	140	150	120	170	135	105	170	90	165	180	170	140	150	180	150	135	180	190				
19	150	135	170	155	150	135	125	140	170	185	155	140	215	180	155	245	195	150	185	150	200	140	210	165				
20	140	65	180	165	135	180	165	170	150	125	170	80	90	180	225	200	180	165	170	190	120	180	240	215				
21	230	240	270	270	255	60	65	40	65	30	35	30	30	20	20	25	50	105	200	180	125	170	195	60				
22	140	170	150	105	135	150	105	155	135	125	130	30	60	135	140	105	210	180	200	170	120	195	125	165				
23	150	135	165	125	100	210	140	150	170	165	60	120	35	50	105	135	200	120	150	200	105	135	165	170				
24	200	120	170	210	170	150	140	120	175	230	135	140	200	270	105	135	240	285	270	240	210	120	170	200				
25	240	200	125	165	165	155	170	210	215	200	205	225	270	285	275	270	260	205	180	185	155	180	180	180				
26	185	185	170	175	200	210	215	185	150	125	170	190	185	185	240	225	230	200	205	215	270	200	220	255				
27	250	230	230	240	170	165	180	135	120	140	100	95	215	140	235	250	295	295	285	240	170	165	185	215				
28	190	230	[illegible]	165	275	265	230	310	300	[illegible]	[illegible]	230	140	245	255	260	245	245	215	330	170	110	145	135				
29	125	140	180	175	145	110	175	150	175	115	230	140	115	25	25	25	260	[illegible]	110	[illegible]	160	110	140	[illegible]				
30	135	110	160	[illegible]	175	160	150	150	130	145	40	30	40	45	135	40	150	50	150	150	180	150	95	140				
31	225	245	135	110	185	215	190	135	180	145	165	130	50	100	80	60	195	150	205	135	165	180	125	160				
Prevailing																												

ENTERED

CORRECTED DATA

QC Checked 4-7-75 By: D6.

STATION WIND DIRECTION 17 0-540
(WD-20m) DEG

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
366 1																												
367 2																												
368 3																												
69 4																												
70 5																												
71 6																												
72 7																												
73 8																												
74 9																												
75 10																												
76 11																												
77 12																												
78 13																												
79 14																												
80 15															[illegible]	[illegible]	240	215	285	345	210	245	270				
81 16	240	35	10	260	285	230	240	275	300	150	35	50	320	350	135	20	260	20	215	255	270	300	185	315				
82 17	30	215	305	310	20	320	300	345	385	255	255	315	35	40	15	30	60	240	245	335	330	345	255	240				
83 18	245	240	270	255	320	300	260	320	350	240	340	220	270	330	315	285	260	150	270	165	315	350	335	310				
84 19	210	350	245	270	240	270	260	315	30	305	70	310	305	270	350	270	230	300	240	230	225	30	285	345				
85 20	240	255	15	315	15	300	230	270	285	310	260	330	315	320	245	255	210	185	240	260	330	345	260	230				
86 21	240	200	285	285	345	315	200	35	215	40	350	15	35	50	45	30	20	350	240	180	310	300	210	310				
87 22	300	245	320	270	255	15	330	240	45	300	315	45	45	335	45	315	350	320	200	180	15	195	30	230				
88 23	215	300	315	320	215	345	310	245	260	210	315	300	10	315	330	315	300	200	260	285	335	320	225	225				
89 24	255	310	285	255	300	275	240	315	260	245	300	270	300	190	320	345	310	315	300	275	240	255	270	245				
90 25	270	225	300	225	260	235	255	260	225	215	200	215	275	285	270	285	315	240	200	200	205	195	185	195				
91 26	195	195	190	200	215	210	215	210	240	300	155	200	200	195	240	245	220	220	195	285	200	210	255	220				
92 27	255	245	245	270	275	150	170	110	120	150	100	30	350	350	320	350	315	310	285	260	230	310	15	255				
93 28	200	245	45	345	320	315	240	270	[illegible]	245	240	285	350	275	260	260	255	245	225	200	255	300	330	355				
94 29	200	30	255	300	350	245	275	10	260	225	275	285	310	30	30	35	285	240	335	225	300	35	350	20				
95 30	240	10	290	230	310	270	310	290	300	270	320	300	330	45	300	335	210	350	15	300	275	315	105	315				
96 31	285	245	15	10	315	255	255	270	285	35	290	300	30	20	30	285	260	70	230	225	335	350	110	105				
Prevailing																												

ENTERED

CORRECTED DATA

QC Checked 4-7-75 By: D.G.

STATION WIND DIRECTION 19 0-540 -
(WD-30m) Deg

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY		CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
366	1																												
67	2																												
68	3																												
69	4																												
70	5																												
71	6																												
72	7																												
73	8																												
74	9																												
75	10																												
76	11																												
77	12																												
78	13																												
79	14																												
80	15																[illegible]	[illegible]	230	170	270	310	170	225	245				
81	16	260	350	345	215	255	230	255	260	225	245	45	10	290	15	5	30	255	10	210	285	320	285	170	310				
82	17	20	300	290	330	15	310	315	330	245	270	260	285	20	20	30	15	20	255	270	300	305	335	210	285				
83	18	255	270	245	255	345	225	240	225	230	190	270	255	255	320	310	270	330	140	270	255	300	345	315	20				
84	19	290	270	230	270	270	260	240	310	35	50	315	310	330	200	345	260	245	270	225	140	195	350	265	350				
85	20	50	255	350	345	285	335	225	270	345	350	290	350	350	315	240	245	310	180	320	300	300	345	255	225				
86	21	225	145	275	275	345	300	125	180	50	35	30	15	20	40	35	15	15	350	225	165	75	240	200	150				
87	22	320	245	10	290	240	315	310	200	45	290	270	35	30	330	260	320	345	330	240	60	345	255	255	270				
	23	230	270	290	320	275	270	260	230	270	255	255	315	350	15	290	320	285	270	345	300	320	305	225	285				
	24	290	300	260	275	230	290	285	330	255	240	270	310	240	285	335	350	300	305	290	270	230	330	260	240				
	25	255	245	330	315	300	240	345	255	210	215	225	225	270	285	275	280	310	300	315	200	210	225	155	185				
	26	185	175	185	260	210	210	215	230	285	330	200	200	200	200	230	[illegible]	210	200	195	275	270	210	260	200				
	27	220	245	290	260	315	195	135	110	180	140	100	30	350	345	320	350	310	300	285	270	255	315	305	275				
	28	360	270	270	215	270	290	275	270	225	240	140	270	240	260	245	260	245	240	225	200	260	255	165	290				
	29	275	10	245	290	125	285	265	0	320	255	260	260	260	30	20	30	290	155	270	215	310	20	35	45				
	30	240	315	210	200	260	200	245	150	285	270	245	285	225	305	200	275	245	140	270	220	245	285	320	225				
	31	270	240	300	210	240	310	270	215	290	285	270	270	210	300	30	285	255	260	255	210	225	290	255	200				
Prevailing																													

504-3033002.

UNCORRECTED DATA

QC Checked 4-5-75 By: D. G.

①

Entered Tape 4Y

STATION TEMPERATURE (°C) 6 0.1°C -30 to 50°C

T-10 m

DATE MONTH OF Jan 1975 STATION NUMBER AZ

AEROVIRONMENT INC.

STATION LOCATED AT UTAH

REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	MAX.	TIME	
1																												1
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16													START →			-2.4	-2.5	-6.0	-6.1	-8.1	-8.2	-9.0	-8.1	-10.0				
17	-10.1	-9.0	-10.1	-10.4	-10.5	-13.1	-12.0	-11.5	-13.1	-12.0	-9.0	-5.0	-6.0	-4.0	-3.0	-3.0	-4.0	-5.1	-6.0	-6.1	-6.2	-9.1	-8.1	-9.2				
18	-9.0	-10.1	-11.0	-11.1	-11.0	-12.1	-11.1	-12.2	-12.0	-10.1	-6.3	-5.9	-3.0	-0	1.9	2.3	1.9	-3.0	-1.0	-3.1	-2.3	-3.2	-3.1	-4.1				
19	-5.1	-6.2	-6.1	-5.2	-7.0	-6.1	-6.9	-7.0	-6.0	-6.5	-4.0	-2.0	1.0	2.1	2.3	3.0	2.0	1.1	0	-1.1	-2.1	-3.0	-5.0	-4.2				
20	-5.9	-6.0	-7.1	-8.9	-9.0	-9.9	-9.0	-10.1	-10.0	-9.1	-8.0	-6.1	-2.1	1.1	4.1	3.0	2.0	1.0	0	0	-1.0	-2.0	5.0	5.1				
21	4.0	4.1	4.1	3.1	1.0	-4.2	-4.4	-5.0	-5.9	-5.8	-4.9	-4.0	-3.2	-2.0	-2.0	-2.1	-3.1	-4.2	-5.4	-7.1	-8.1	-9.0	-8.9	-10.1				
22	-12.0	-12.5	-14.1	-14.3	-15.0	-15.1	-15.2	-17.0	-16.0	-14.9	-13.3	-10.0	-9.0	-5.9	-5.0	-4.0	-4.2	-7.0	7.2	-8.2	-8.0	-9.0	-10.2	-10.3				
23	-11.1	-12.2	-13.0	-13.1	-12.0	-12.0	-11.1	-12.1	-10.1	-9.0	-8.1	-5.0	-4.0	-3.0	-2.0	-1.0	-1.0	-4.0	-5.5	-6.0	-6.2	-6.3	-7.0	-8.0				
24	-8.1	-8.3	-8.0	-8.7	-9.0	-9.9	-9.0	-9.2	-4.0	-2.0	-1.9	1.5	4.0	6.0	8.0	8.1	8.0	9.0	7.0	7.0	4.0	4.0	2.1	2.0				
25	2.0	1.2	1.3	1.2	-1.2	-1.0	-1.0	1.0	6.0	6.3	10.0	11.0	12.0	12.1	13.0	12.1	11.9	11.0	9.0	9.1	8.0	7.0	7.0	7.1				
26	6.7	6.1	7.0	7.2	7.1	7.0	6.0	5.1	4.1	4.0	10.0	11.0	12.0	13.0	13.0	13.0	12.1	11.1	10.1	8.0	5.0	3.0	3.0	1.3				
27	-.1	-.1	-1.1	-2.1	-3.0	-4.0	-4.1	-4.0	-4.1	-3.0	-2.1	0	0	.1	.1	.1	0	-.1	-.1	-.2	-0.2	-0.3	-.2	-3.1				
28	-4.1	-4.0	-4.0	-4.1	-5.0	-5.1	-5.2	-5.0	-5.1	-4.0	-4.1	-3.0	-3.0	-3.1	-2.0	-3.0	-4.0	-4.2	-5.0	-8.0	-10.0	-15.0	-15.0	15.0				
29	-18.0	-17.0	-18.1	-20.0	-19.1	-18.1	-19.1	-20.0	-19.0	-18.1	-16.0	-14.0	-13.0	-12.1	-10.1	-11.1	-9.1	-11.1	-12.0	-13.0	-15.1	-14.0	-14.0	-15.0				
30	-16.1	-16.0	-17.1	-17.0	-15.0	-15.1	-15.2	-15.3	-14.0	-13.0	-11.2	-11.2	-9.0	-9.2	-8.0	-8.0	-8.2	-9.0	-9.1	-9.0	-9.1	-8.0	-8.1	-9.0				
31	-9.0	-8.0	-8.1	-8.2	-8.2	-9.1	-9.0	-9.1	-9.0	-9.0	-9.1	-7.0	-7.1	-6.1	-6.2	-7.0	-7.1	-8.0	-8.0	-8.1	-8.3	-8.2	-8.0	-9.0				
AVERAGE																												

UNCORRECTED DATA

QC Checked 4-4-75 By: D.G.

①

Entered
Taped

STATION TEMPERATURE (°C) 21
ΔT 10-30 m

-5 TO +5°C

DATA FOR MONTH OF Jan 1975 STATION NUMBER AZ
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY R.M. Felix

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	MAX.	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												①
16											Calibration			START →					(A)									
17												CA																
18												CA																
19												CA																
20												CA																
21												CA																
22												CA																
23				(CA)					End	Cal	.5	.1	.2	.5	.4	.3	.4	.7	1.2	1.3	1.6	.5	.4	1.0				
24	1.1	.7	1.1	.3	.8	1.0	1.5	1.1	2.5	2.5	1.5	.9	.3	.5	.5	.4	.4	.3	.3	.4	1.5	1.5	1.2	1.4				
25	1.7	1.1	.9	1.1	1.6	1.7	1.9	2.2	.5	.3	.4	.2	-.1	.2	0	.2	.2	.4	1.6	.9	.4	.5	.4	.4				
26	.2	.3	.2	.4	.2	.1	-.1	1.2	1.1	.5	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	-.2	-.2	-.1				
27	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4				
28	-.2	-.1	0	0	-.1	0	-.1	-.1	0	0	.1	.1	.2	.2	.4	.2	.1	.1	.5	.7	.6	.8	1.5	.9				
29	.7	1.3	.5	.9	.5	.6	.9	.6	.4	1.2	1.6	1.7	.8	.7	.3	0	0	.7	.8	1.1	1.2	.9	.7	.8				
30	.6	.7	.8	.5	.7	.4	.3	.5	.6	.6	.4	.2	.2	.2	.3	0	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.2				
31	-.1	-.2	-.2	-.1	.4	.7	.5	.5	.4	.3	.6	.9	.3	.2	.1	-.1	-.2	.1	.1	.3	.3	.4	.2	.2				
AVERAGE																												

* DATA WAS very Active All over THE scale though entire month.

QC Checked 4-5-75 By: D.G.

①

CORRECTED DATA

Entered Tape 46

VARIATION OF WIND DIRECTION, σ_θ #9 0-45

(degrees) 30m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY	CLOCK HOUR (standard time)																									DAILY	PEAK	CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1															-													
2															-													
3															-													
4															-													
5															-													
6															-													
7															-													
8															-													
9															-													
10															-													
11															-													
12															-													
13															-													
14															-													
15										-		START →			5	4	7	13	14	15	16	13	14	11				①
16	13	18	13	10	8	17	13	12	10	14	9	11	16	12	4	14	18	11	17	18	23	18	17	15				
17	12	13	24	19	13	17	20	23	24	22	12	20	10	15	9	13	12	18	21	18	23	24	28	27				
18	17	22	23	20	27	15	24	26	18	29	36	24	26	21	19	15	8	13	19	20	25	33	25	27				
19	22	34	28	31	28	32	38	23	15	27	31	23	20	22	17	8	9	20	15	16	17	23	15	19				
20	20	17	23	11	12	16	17	26	32	18	20	18	24	25	23	14	18	17	32	31	29	34	20	14				
21	16	20	18	18	19	17	16	24	33	25	29	15	10	8	19	12	7	16	14	13	21	18	13	14				
22	18	19	18	19	14	8	11	12	6	21	25	19	15	24	19	32	20	27	20	32	19	13	10	11				
23	12	17	15	26	16	18	17	12	14	21	14	27	33	38	<0.5	→	26	<0.5	→	37	27	26	27	37				
24	31	28	34	24	31	0.5	28	29	28	20	21	28	25	22	25	28	14	18	16	17	10	22	21	23				
25	21	23	31	24	22	30	38	28	14	19	24	22	18	20	20	20	26	24	32	20	18	18	18	6				
26	13	11	5	12	7	13	20	20	31	22	23	19	18	17	16	14	16	17	13	8	17	19	21	10				
27	8	5	5	6	12	11	10	10	7	8	11	13	9	9	14	10	9	8	6	18	20	25	13	8				
28	7	6	8	18	18	14	7	6	5	7	9	9	10	13	12	12	14	17	13	10	20	15	17	16				
29	16	7	9	16	18	26	32	10	22	20	25	17	27	7	5	4	13	7	21	21	15	6	12	15				
30	11	18	14	12	14	18	11	24	15	25	15	21	20	16	31	18	17	25	23	32	18	24	13	34				
31	12	14	15	18	25	12	13	15	18	14	22	17	20	25	12	14	29	11	17	25	16	32	31	28				
AVERAGE																												

Entered Tape 40 18C

UNCORRECTED DATA

QC Checked 3-25-75 By: D.G.

(100)

TOTAL SULFUR, TS 1 0-100
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Dec. 1974 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17												←						CA						→				
18	←										CA													→				
19	←					CA						START		→	0	0	0	0	0	0	0	0	0	0				105
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0				
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
31	0	0	0	0	0	0	0	0	0	0	0	←	IM	→	0	0	0	0	0	0	0	0	0	0				
AVERAGE																												

(100) *

QC Checked 4-5-75 **By:** D6

UNCORRECTED DATA

Entered Tape 16

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

123

DATA FOR MONTH OF Jan 1975 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				105
2	0	0	0	0	0	0	0	0	←	PF		→	0	0	0	0	0	0	0	0	0	0	0	0				
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
7	0	0	0	0	0	0	0	0	0	0	3	5	5	3	6	4	5	6	5	5	6	5	5	6				
8	6	7	7	8	8	8	7	7	6	6	6	←					FO							→				
9	←													FO										→				
10	←					FO					→	9	7	8	8	8	8	7	7	7	8	8	9	9				
11	8	8	8	8	8	9	9	8	8	8	8	8	7	8	8	8	8	8	8	[illegible]	8	8	9	9				
12	4	9	9	9	9	9	8	9	9	9	9	9	9	8	8	9	7	8	9	9	9	9	9	9				
13	9	8	8	9	9	10	9	10	9	9	←						KF.							→				
14	←													KF										→				
15	←						PF						→	9	8	10	10	10	9	9	9	9	9	9				
16	9	9	9	10	10	9	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10				
17	10	10	10	10	9	10	10	10	10	10	10	10	10	8	9	9	10	10	10	10	10	10	10	10				
18	10	10	10	9	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	10	10	10	10	10				
19	10	10	11	10	10	10	10	11	10	10	10	10	11	11	12	12	11	11	12	12	11	11	10	11				
20	10	10	10	10	10	10	10	10	10	11	10	10	10	11	11	12	12	12	11	11	11	11	10	11				
21	11	12	14	15	13	11	12	11	11	11	11	10	10	10	11	11	11	11	11	11	11	11	11	11				
22	11	11	11	11	11	11	11	11	11	12	11	11	11	10	11	11	50	49	50	50	48	48	49	48				
23	49	48	49	48	48	48	48	48	48	49	49	50	49	48	47	48	48	48	48	48	49	49	49	49				
24	49	48	49	49	49	49	50	49	49	49	50	50	49	48	48	47	45	46	46	46	46	46	46	47				
25	48	49	47	48	48	49	49	49	49	49	48	46	10	11	11	12	11	12	12	11	12	12	12	12				
26	11	12	11	11	11	10	11	11	10	11	12	13	14	14	13	14	15	14	13	13	14	14	13	13				
27	12	12	12	←										IM										→				
28	←													IM										→				
29	←													IM										→				
30	←													IM										→				
31	←													IM										→				↓
Prevailing																												

Paper Tape Entered

UNCORRECTED DATA

QC Checked 3-25-75 By: D.G.

100

HYDROGEN SULFIDE, H_2S 2 0-100
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Dec. 1974 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R.M. Felix

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK CONC	TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																						/						
16																												
17												←						CA						→				
18	←												CA											→				
19	←				CA							START		→	2	2	2	3	3	2	3	3	3	4				100
20	4	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	3	4	5	5	5	5	5				
21	4	4	4	3	3	4	3	3	3	4	4	4	4	5	5	4	5	4	5	5	5	5	5	4				
22	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3	4	3	3	3	3	2	2	2				
23	2	2	2	3	2	3	3	3	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	2				
24	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	4	3	4	4	4	4	4	4				
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	4	4	4	3	4	4	3	4				
26	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	5	5	5	5	4	4	4				
27	4	4	4	4	4	4	4	5	4	4	4	4	5	4	4	5	5	5	5	5	5	5	5	5				
28	5	5	5	5	5	5	5	5	5	5	5	2	2	3	4	4	5	5	5	5	5	5	5	5				
29	4	4	5	5	5	5	4	5	5	5	5	5	6	6	6	7	7	7	7	6	7	7	6	7				
30	5	5	4	6	7	6	[illegible]	6	5	5	5	5	6	5	7	7	7	8	7	7	7	6	6	7				
31	7	6	6	6	6	6	6	7	6	6	6	←	IM		→	5	4	4	5	4	6	7	6	7				↓
AVERAGE																												

CORRECTED DATA

QC Checked 4/4/75 By: SO

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	5	5	$$$$	$$$$	$$$$	$$$$	5	5	5	5	5	5	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15
6	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	15	20	15	15	15	15	15	15	15	15	20
7	15	15	15	15	15	15	15	15	15	15	10	10	15	15	15	15	15	15	15	20	15	20	20	20	15	20
8	20	15	20	20	20	20	20	20	20	20	20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	20	20
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	10	10	10	10	10	15	15	15	15	15	15	15	15	10	15
11	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
12	15	20	20	15	15	15	15	15	15	15	15	15	20	15	15	20	20	20	20	20	20	20	20	20	15	20
13	20	20	20	20	20	20	20	20	20	20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	20	20
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	15	20	20	20	25	20	25	25	25	25	25	25	25
16	25	25	25	25	25	25	25	25	25	30	30	30	25	30	30	25	30	25	25	25	25	30	30	30	25	30
17	30	30	30	30	30	30	30	30	30	30	30	30	30	20	20	25	25	25	25	25	30	30	30	30	30	30
18	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	35	30	30	30	30	30	30	30	35
19	30	30	30	30	30	30	30	30	30	30	30	30	35	35	35	35	35	35	35	35	35	30	30	30	30	35
20	30	30	30	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
21	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
22	35	35	35	35	35	35	35	35	35	35	35	35	35	30	35	35	60	55	60	60	55	60	55	60	45	60
23	55	60	60	55	55	55	55	60	55	55	60	60	60	55	55	55	55	55	55	55	55	55	60	60	55	60
24	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	50	50	50	50	50	50	50	55	55	55	55
25	55	55	55	55	55	55	55	55	55	55	55	55	30	35	35	35	35	40	40	40	40	40	40	40	45	55
26	40	40	40	40	40	40	35	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
27	35	35	35	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	35	35
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	[illegible]	[illegible]

CORRECTED DATA

QC Checked 4/1/75 By: SO

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH
SITE A 2
DECEMBER 1974
AEROVIRONMENT INC.
REPORT PREPARED BY R.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
18	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CAL	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ W	~~$$$$~~	5	5	5	10	5	10	10	10	10	10	5	1
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	
21	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	1
22	0	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	5	5	
25	5	5	5	10	5	10	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	0	
29	0	0	5	5	5	5	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	0	5	0	
30	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	0	5	5	5	5	5	5	
31	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~ EM	~~$$$$~~	~~$$$$~~	5	5	5	5	0	5	5	5	5	5	
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	

CORRECTED DATA

QC Checked 4/11/75 By: SP

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	10
2	5	5	5	5	10	10	10	5	$$$$	$$$$	$$$$	$$$$	5	5	5	0	0	0	0	0	5	5	0	0	5	10
3	0	5	0	5	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	0	0	5
4	5	5	5	5	0	0	0	5	5	5	5	0	5	5	5	5	5	0	0	5	0	5	5	0	0	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	0	0	0	0	5	0	5
6	0	0	0	0	0	0	0	0	5	5	5	5	0	0	5	0	5	0	5	5	0	5	0	0	0	5
7	0	0	5	5	5	5	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	5
8	5	0	5	5	5	5	5	5	0	5	0	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	5
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	5	0	0	5	5	5	0	5	5	0	5
12	5	5	5	5	5	5	0	5	0	5	5	5	0	0	0	5	0	5	5	5	5	5	5	5	0	5
13	5	0	0	5	5	5	5	5	5	5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	5
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	5	5	5	10	5	5	0	5	5	5	0	5	10
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5
19	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
20	10	5	5	5	5	5	5	5	5	5	10	5	5	5	5	10	5	5	5	0	5	5	5	5	5	10
21	5	10	15	15	10	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	10	5	5	5	5	15
22	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10	5	5	0	5	10
23	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	0	0	0	0	0	5	5	5	0	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5	0	0	5	0	5	5	5
26	0	5	5	5	5	5	5	0	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
27	5	5	5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	5	5
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$

CORRECTED DATA

QC Checked 4/10/75 By: SO

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	940	940	940	1000	960	1000
18	1000	1000	940	940	1000	1000	1060	940	1000	1000	1000	1000	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1000	1060	1000	940	1000	1060
19	1150	1090	1150	1090	1150	1150	1090	1220	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	900	830	900	960	830	830	900	900	830	830	990	1220
20	770	830	900	830	1020	830	700	830	830	830	900	900	900	900	770	830	830	830	900	1020	900	900	830	900	860	1020
21	1020	1020	900	1020	900	1020	960	900	1020	1020	900	830	900	900	830	830	900	830	830	770	770	900	830	900	900	1020
22	830	1020	900	900	1020	960	900	1020	900	830	1020	1020	960	900	960	900	900	900	1020	960	900	1020	1020	1020	950	1020
23	900	960	1020	1020	1020	1020	1020	1020	1090	1090	1020	1090	1020	900	1090	1090	1020	1020	1090	1090	1020	1150	1090	1090	1040	1150
24	1090	1090	1090	1090	1020	1090	1090	1090	1090	1090	960	960	960	960	960	1020	1020	960	900	1020	960	900	900	1020	1010	1090
25	1020	1020	1020	1020	1090	1020	1020	960	1020	1020	1020	1090	1090	900	1020	900	900	900	900	1020	900	960	1020	1020	1000	1090
26	1020	1020	1020	1020	1090	1020	1020	1020	1090	1090	1020	1020	1020	1020	1020	830	900	900	900	900	1020	960	900	1020	1000	1090
27	1020	960	1020	1020	1020	1020	1020	1090	1090	1020	1090	1020	1020	960	1090	1020	1090	1020	1020	1020	1020	1090	1090	1090	1040	1090
28	1020	1020	1020	1150	1020	960	1020	1090	1020	1020	1020	960	1090	960	900	960	960	960	960	830	1020	1020	960	1090	1000	1150
29	1090	1020	960	900	1020	1090	1090	1090	1020	1090	1020	1020	900	1020	1020	960	1020	1020	960	1020	1090	1090	1020	1090	1030	1090
30	1020	1090	1090	1090	1020	1090	960	960	1020	1020	1020	1020	960	900	900	960	900	960	900	960	960	900	1020	960	990	1090
31	1020	960	900	900	1020	1020	1020	1090	1090	1020	1020	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	900	960	960	900	960	960	1020	960	960	980	1090
AV	1000	1010	1000	1000	1030	1020	1000	1020	1020	1010	1000	1000	980	940	960	930	950	940	930	960	960	990	960	1000	980	0

QC Checked 4/1/75 By: SO

CORRECTED DATA

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.M.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1160	1160	1160	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1160	1160	1160	1160	1160	1240	1160	1160	1240	1240	1200	1240
2	1240	1240	1160	1240	1240	1240	1240	1240	$$$$	$$$$	$$$$	$$$$	1160	1080	1080	1080	1160	1160	1080	1000	1080	1000	1080	1080	1140	1240
3	1240	1080	1080	1080	1080	1080	1080	1080	1160	1160	1160	1160	1080	1000	1000	1080	930	1000	1080	1080	930	1080	1080	1080	1080	1240
4	1160	1160	1160	1160	1080	1160	1160	1240	1160	1160	1160	1240	1080	1080	1240	1080	1000	1080	1160	1160	1240	1160	1080	1240	1150	1240
5	1240	1240	1240	1160	1160	1160	1240	1160	1310	1160	1240	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1000	1000	1000	1130	1310
6	930	930	1080	1000	1000	1160	1080	1240	1160	1080	1240	1080	1000	1080	1160	930	1080	850	1000	1080	1240	1080	1080	1160	1070	1240
7	1160	1160	1240	1080	1240	1240	1240	1240	1240	1160	1080	1080	1000	1000	930	1000	1160	1080	930	1000	1000	1000	1000	1000	1090	1240
8	1080	1000	1080	1080	930	1000	1160	1000	1080	930	850	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1020	1160
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1000	1000	1000	930	1080	1000	1000	1080	1080	1000	1080	1080	1080	1030	1080
11	1080	1080	1080	1080	1080	1080	1080	1080	1080	1160	1160	1080	1080	1000	1000	1000	1000	1000	1000	1080	1080	1080	1080	1080	1070	1160
12	1000	1000	1000	1000	1000	1000	1000	1080	1000	1080	1000	1080	1000	1080	1000	930	930	1000	1080	1000	1080	1080	1080	1080	1030	1080
13	1080	1080	1080	1160	1080	1310	1080	1240	1240	1240	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1160	1310
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1240	1240	1310	1240	1240	1240	1160	1160	1160	1160	1240	1210	1310
16	1310	1240	1240	1240	1240	1240	1240	1240	1310	1310	1240	1160	1240	1160	1310	1240	1160	1160	1240	1310	1310	1310	1310	1310	1250	1310
17	1310	1310	1310	1310	1240	1240	1310	1240	1240	1390	1310	1160	1160	1240	1240	1310	1240	1470	1550	1470	1470	1470	1390	1390	1320	1550
18	1470	1470	1470	1470	1550	1470	1470	1390	1390	1390	1310	1310	1240	1310	1470	1470	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1410	1550
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1080	1080	1080	1160	1160	1000	1080	1160	1390	1240	1240	1310	1240	1240	1310	1240	1000	1000	1170	1390
21	930	930	1000	930	1080	930	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1000	930	1000	970	1080
22	1000	1000	1080	1080	1000	1000	1080	1080	1080	1080	1160	1080	1080	1160	1000	1080	1000	1000	1080	1160	1240	1080	1160	1080	1080	1240
23	1160	1160	1160	1240	1160	1240	1160	1160	1160	1240	1160	1160	1080	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1170	1240
24	1310	1390	1310	1390	1310	1310	1310	1240	1240	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1310	1390
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1160	1080	1080	1000	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1080	1160
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1080	1080	1160	1080	1160	1160	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1120	1160
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1160	1160	1240	1160	1160	1160	1160	1170	1240
29	1160	1240	1310	1240	1240	1240	1240	1240	1240	1240	1310	1240	1310	1240	1240	1240	1240	1160	1240	1240	1240	1240	1240	1240	1240	1310
30	1240	1240	1310	1310	1310	1390	1390	1310	1310	1310	1240	1240	1240	1240	1240	1240	1240	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1280	1390
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1240	1240	1240	1080	1160	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1190	1240

QC Checked 4/10/75 /fab By: SO

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
SITE A 2
DECEMBER 1974
AEROVIRONMENT INC.
REPORT PREPARED BY R.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1170	1420	1300	1420	1330	1420
18	1480	1360	1420	1300	1420	1300	1480	1300	1420	1420	1420	1420	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1670	1730	1610	1480	1450	1730
19	1710	1770	1840	1710	1770	1840	1710	1770	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	920	590	720	920	980	720	790	790	920	790	1240	1840
20	790	720	720	850	790	1120	850	1250	1050	1120	790	1120	1050	720	1050	920	790	920	1250	1050	1050	920	1180	850	950	1250
21	790	920	720	1050	850	920	1050	850	850	790	1180	980	720	660	720	720	720	720	720	790	1120	720	920	530	830	1180
22	790	920	790	920	790	790	720	920	850	790	850	790	790	720	720	790	850	920	790	790	850	850	850	1050	830	1050
23	1050	920	980	1050	1050	1050	1050	1120	1050	1510	1050	1120	920	920	1050	850	790	790	850	920	1050	1120	1250	1380	1040	1510
24	1050	1050	980	1050	1050	1120	1120	1250	1380	1050	920	980	980	980	920	920	1120	920	920	980	980	1120	1250	1050	1050	1380
25	1050	1050	1050	1050	1120	1180	1050	1050	1120	1050	1050	1180	1120	720	1050	790	850	850	790	920	920	920	1120	1050	1000	1180
26	1180	1120	1120	1050	1120	1050	1050	1120	1050	1180	1180	1180	850	920	790	850	850	720	790	1050	850	920	920	1180	1000	1180
27	1050	1180	1440	1050	1120	1120	1120	1250	1250	1120	1180	1180	1180	920	850	1050	1050	1050	1180	1050	850	1120	1180	920	1100	1440
28	1180	1380	1120	1050	1180	1120	1180	1380	1180	1250	1120	1050	1180	850	980	920	850	980	980	920	720	1250	1050	1120	1080	1380
29	1050	1510	850	920	1050	980	920	1120	1050	1120	980	920	1050	920	980	980	980	980	1120	1050	1120	1250	1250	1440	1070	1510
30	1180	1250	1250	1120	1180	1180	1250	1050	1250	1120	1180	1120	1120	1050	1050	980	1050	1050	980	1050	1050	1050	1050	1050	1110	1250
31	1050	1120	1120	1120	1120	1120	1050	1120	1120	1120	1180	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	920	980	1050	1050	1050	1050	1120	1180	1050	1080	1180
AV	1100	1160	1100	1090	1110	1130	1110	1180	1120	1120	1080	1090	1000	850	920	870	890	910	950	950	1020	1090	1130	1090	1080	0

CORRECTED DATA

QC Checked 4/4/75 By: SO

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY 6.6.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1140	1140	1140	1210	1140	1210	1140	1140	1210	1280	1210	1210	1140	1140	1140	1140	1060	1060	1060	1140	1140	1210	1210	1140	1150	1280
2	1280	1140	1210	1280	1210	1280	1350	1280	$$$$	$$$$	$$$$	$$$$	1060	1140	1140	1140	990	1060	1140	1140	1210	990	1140	990	1160	1350
3	990	990	990	1140	1060	1060	1140	1210	1210	1350	1280	1140	1280	920	1140	850	990	990	1210	1060	1210	1210	1060	1140	1110	1350
4	1210	1280	1280	1210	1140	1140	1210	1210	1140	1210	1210	1210	1280	990	920	1490	920	1490	1210	1350	1140	1140	1140	1210	1190	1490
5	1350	1280	1280	1210	1140	1140	1350	1280	1140	1210	1490	1210	1140	1140	1140	1140	1350	1140	1210	1210	990	990	920	920	1180	1490
6	710	920	920	850	1210	990	1280	1280	990	1140	1060	990	1140	920	1140	780	850	780	780	920	990	1140	1210	990	1000	1280
7	1210	1140	990	990	1140	1210	990	990	850	920	920	850	780	850	920	780	920	990	710	710	710	990	780	1140	940	1210
8	850	990	780	780	920	990	1140	920	780	850	850	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	900	1140
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	920	920	990	1140	990	850	920	780	990	920	990	1140	1060	970	1140
11	990	990	1140	1210	1210	1140	1280	1280	1140	1210	1280	1140	1060	990	990	1060	1060	1140	1060	990	990	1060	990	920	1100	1280
12	1060	1060	990	990	990	1060	990	990	990	1140	1060	990	990	990	1140	1140	990	990	1140	920	920	990	1140	1210	1040	1210
13	990	1140	1140	1210	1140	1140	990	1140	1140	1140	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1110	1210
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1210	1280	1560	1280	1280	1210	1060	1210	1210	1140	1210	1240	1560
16	1140	1210	1280	1140	1350	1210	1140	1210	1280	1280	1210	1210	1280	1140	1420	1210	1210	1350	1210	1350	1490	1210	1280	1350	1250	1490
17	1420	1350	1420	1350	1490	1350	1350	1280	1280	1280	1140	1280	1060	1210	1140	1210	1350	1560	1700	1630	1560	1630	1560	1630	1380	1700
18	1630	1700	1700	1630	1700	1630	1990	1700	1630	1560	1490	1450	1350	1560	1700	1770	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1640	1990
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	990	1060	990	1060	990	990	990	1060	1350	1350	1350	1490	1280	1140	1140	1060	990	710	1110	1490
21	1060	850	570	710	1060	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	710	780	1060	850	1060
22	1060	990	1060	1060	1060	1060	1060	1060	1060	1140	780	920	990	1060	1140	990	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1030	1140
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1060	990	920	990	1060	990	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1010	1060
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	990	990	1140	1140	1140	1140	1140	1100	1140
29	1140	1210	1210	1210	1140	1210	1280	1210	1210	1210	1210	1210	1280	1210	1280	1210	1280	1060	1060	1140	1210	1210	1280	1350	1210	1350
30	1280	1210	1350	1280	1280	1350	1350	1350	1350	1350	1210	1210	1210	1350	1280	1280	1420	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1300	1420

CORRECTED DATA

CARBON MONOXIDE (MILLIGAMS/CU. METER)

QC Checked 4/10/75 By: SO

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY RF

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
18	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	$$$$	$$$$	.1	.1	.0	.1	.1	.0	.3	.2	.1	.0	.1	.3
20	.1	.1	.3	.3	.2	1.4	.1	$$$$	.1	.1	.2	.1	.8	.3	.2	.1	.1	.2	.3	$$$$	.7	.8	.1	.8	.3	1.4
21	.1	.1	.2	.0	.7	.0	.1	.9	.5	.9	.3	.3	.3	.2	.3	.3	.1	.5	.7	.2	.2	.2	.2	.2	.3	.9
22	.1	.1	.2	.1	.0	.1	.2	.1	.2	.3	.1	.2	.1	.2	.1	.0	.0	.2	.1	.0	.0	.0	.2	.8	.2	.8
23	.2	1.0	.1	.0	.0	.1	.3	1.0	.7	.7	.0	.0	.2	.3	.5	.2	.1	.1	.1	.1	.1	.5	.9	1.0	.3	1.0
24	.0	.0	.2	.3	.2	.2	.3	.5	.3	1.0	.0	.5	.5	.0	.0	.1	1.2	.1	.7	.2	.1	.2	.8	.1	.3	1.2
25	.7	.3	.8	1.0	1.6	.5	.7	.3	.1	.1	.0	.7	.5	.0	.7	.2	.2	.1	.1	.2	.1	.1	.3	.3	.4	1.6
26	.1	.7	.5	.7	.7	.5	.2	.3	.1	.3	.0	.3	.1	.2	.1	.0	.5	.1	.7	.1	.2	.3	.1	.5	.3	.7
27	.1	.7	1.4	.5	1.0	.5	.5	.8	.5	.1	.5	.3	.5	.2	.1	.1	.7	.1	.1	.1	.2	.7	.2	.6	.4	1.4
28	.7	.6	.3	.3	1.5	.1	.2	.2	.5	.2	.0	.2	.2	.3	.2	.2	.2	.2	.5	.2	.6	.8	.3	.2	.4	1.5
29	.3	.6	1.0	.2	.9	.3	.5	.5	.8	.3	.2	.5	.1	.6	.6	.7	.5	.5	.7	.5	.2	.7	.3	.1	.5	1.0
30	.2	.5	.5	.5	.8	.7	.5	.0	.3	.1	.3	.2	.2	.1	.5	.3	.5	.2	.2	.2	.0	.1	.0	.6	.3	.8
31	.2	.5	.8	.7	.5	.3	.5	.2	.1	.2	.2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.8
AV	.2	.4	.5	.4	.7	.4	.3	.4	.3	.4	.2	.3	.3	.2	.3	.2	.3	.2	.3	.2	.2	.4	.3	.4	.3	.0

CORRECTED DATA

QC Checked 4/11/75 By: SO

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.M. FELIX

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.5	.0	1.6	1.1	.5	.0	.2	.5	.3	1.1	1.1	.6	.5	1.1	1.4	.3	.3	.2	.2	1.0	.2	1.1	1.1	1.1	.7	1.6
2	.5	.5	1.0	1.1	.6	1.9	.5	.5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.5	1.0	.3	.5	.2	.3	.3	.5	.5	.6	1.1	.3	.6	1.9
3	.3	1.1	.5	.6	1.0	.5	.0	.5	.5	1.1	.6	.3	.3	1.3	1.1	.3	.5	.2	.2	.2	.2	.5	.5	.5	.5	1.3
4	1.3	.2	1.0	.6	1.0	1.3	.6	.6	.2	.2	.3	1.0	.6	.2	.5	.2	.2	.6	1.0	.2	.2	.5	.2	.5	.5	1.3
5	1.0	.2	1.0	.3	1.0	.8	1.3	.3	.3	.6	1.3	.6	.2	.2	.3	.0	.6	.3	1.9	1.4	.0	.0	.0	1.0	.6	1.9
6	.6	1.0	.6	.2	.3	.6	.5	.5	1.1	.2	1.0	.3	.8	.5	.6	.2	.2	.2	.6	.5	.2	.6	.3	1.0	.5	1.1
7	.6	.5	.2	.2	1.0	1.4	.2	.2	.6	.3	.3	.0	.0	.0	.2	.0	.2	.2	.3	.2	.3	.5	.5	1.0	.4	1.4
8	.3	.0	.2	.6	1.0	.0	.6	.0	.3	.2	.2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.3	1.0
9	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.1	.5	.6	.3	.2	.3	.5	.2	.5	.0	.3	1.0	.2	.4	1.1
11	.0	.5	.2	1.0	1.1	.3	.5	.6	.8	1.0	.2	.2	.2	.0	.0	.0	.0	.0	.5	.5	.2	.0	.0	.0	.3	1.1
12	.5	.5	.0	.3	.5	.6	.3	.5	.6	1.0	.0	.5	.6	.5	.6	.5	.2	.3	.2	.3	.8	1.0	.2	.5	.5	1.0
13	.0	.5	.3	.2	.0	.5	.3	1.0	.8	.5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.4	1.0
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
15	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.6	.0	.6	.5	.0	.5	.5	1.1	.5	.5	.8	.6	1.6
16	.6	.2	.8	.6	.5	1.1	.5	.8	.0	.6	.6	.5	.5	.3	.8	1.0	.5	.5	.8	.3	.6	.6	.6	1.0	.6	1.1
17	.5	.6	1.0	.2	1.1	1.3	.6	.5	.5	.2	.3	.2	.2	.2	.2	.3	.3	.5	.5	.8	.3	1.0	.0	.5	.5	1.3
18	.3	.5	.0	1.0	.5	.5	.2	.3	.5	.5	.6	.3	.5	.5	.3	.2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.4	1.0
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.2	.0	.5	.3	.2	.2	.0	.5	.0	.0	.3	.5	.0	.3	.0	.2	.3	.3	.2	.5
21	.3	.2	.0	.0	.2	.2	.3	.3	.3	.0	.0	.2	.2	.0	.2	.2	.3	.2	.3	.2	.5	.2	.0	.0	.2	.5
22	.2	.2	.3	.2	.2	.0	.0	.3	1.0	.5	.0	.2	.0	.5	1.0	.2	.3	.0	.2	.5	.2	.2	.0	.3	.3	1.0
23	.6	.3	.6	1.1	.3	.0	.2	.5	.2	.5	.5	.6	.2	.2	.0	3.0	1.4	.5	.5	.5	.6	.5	.3	.3	.6	3.0
24	.5	.6	.2	.3	.2	.0	1.0	.0	.6	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.4	1.0
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.0	.8	1.1	.5	.6	1.8	1.8	2.4	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.2	2.4
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.0	.6	.5	.3	.3	.3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.5	1.0
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.3	.5	.0	.3	.5	~~$$$$~~	~~$$$$~~	.3	.5
29	.3	.6	.0	1.0	.2	1.0	.5	.6	.5	.6	1.0	.6	.5	.8	1.1	.8	.8	.3	.5	.2	.3	.3	.3	.8	.6	1.1
30	.0	.6	1.1	1.3	.5	.5	.5	.3	.5	.6	1.0	.5	.3	.5	1.0	.3	1.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.6	1.3
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1.3	.8	.8	.6	1.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.9	1.3

CORRECTED DATA

QC Checked 4/10/75 By: SO

OXIDES OF NITROGEN (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY R.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	60	80	80	90	80	70	60	70	70	80	70	90
20	60	70	70	60	60	60	50	60	60	70	70	90	80	100	110	110	110	70	80	70	80	80	80	80	80	110
21	70	70	70	60	50	30	40	40	40	40	50	60	80	80	110	110	110	120	110	120	110	120	120	100	80	120
22	60	40	30	30	20	20	20	20	20	20	30	30	40	40	40	40	30	30	30	20	20	20	10	10	30	60
23	10	10	10	10	10	10	0	0	10	10	0	10	10	10	10	10	10	20	10	10	10	10	10	10	10	20
24	10	10	10	0	0	0	10	0	10	0	10	10	10	20	20	30	40	30	20	20	20	20	20	10	10	40
25	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	20	20	10	10	10	0	0	10	0	10	20
26	0	10	10	10	0	0	0	0	0	0	10	10	20	20	30	40	30	30	20	20	20	20	10	20	10	40
27	10	10	10	10	10	10	10	10	10	0	10	10	20	30	30	30	30	30	20	30	20	20	20	20	20	30
28	10	10	10	10	10	10	10	20	10	10	10	10	20	20	30	50	60	60	60	40	40	30	30	30	30	60
29	20	30	30	30	20	20	20	20	30	30	30	30	30	60	70	70	70	60	60	50	50	50	40	50	40	70
30	50	40	40	40	40	40	40	30	20	30	20	30	40	70	80	110	100	110	90	60	40	40	40	30	50	110
31	30	20	20	30	30	30	20	20	20	20	20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	10	20	20	20	10	10	10	10	20	30
AV	30	30	20	20	20	20	20	20	20	20	20	30	30	40	50	50	50	50	50	40	40	40	40	30	30	0

CORRECTED DATA

QC Checked 4/11/75 By: SD

OXIDES OF NITROGEN (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	0	10	10	0	0	0	10	10	0	0	10	30	30	50	60	50	40	20	20	20	10	10	20	60
2	10	10	10	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	10	20	40	50	50	40	30	30	30	20	20	20	50
3	20	10	10	10	10	10	10	10	10	10	20	20	30	40	70	80	70	60	30	30	20	10	10	10	30	80
4	10	10	10	10	10	10	10	10	0	10	10	10	20	10	30	20	30	30	40	30	30	20	20	20	20	40
5	20	10	20	20	10	10	10	10	10	10	10	20	20	40	50	80	80	90	90	80	80	80	70	60	40	90
6	60	60	50	50	50	40	30	40	30	20	20	20	40	50	70	80	90	100	90	80	70	60	50	30	50	100
7	30	20	30	20	20	20	20	20	20	20	30	50	70	90	80	90	90	100	90	80	70	50	40	40	50	100
8	40	40	40	30	40	40	30	40	50	70	70	50	30	50	50	60	60	70	60	60	50	50	60	50	50	70
9	50	50	50	40	30	30	20	30	20	20	40	30	60	60	80	80	80	80	50	40	30	20	20	20	40	80
10	20	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	30	20	20	20	20	10	10	10	10	30
11	10	10	10	10	10	10	10	10	10	10	10	20	30	30	40	40	50	30	30	20	10	10	10	0	20	50
12	10	10	10	10	10	10	10	10	10	10	10	10	20	20	40	40	40	30	30	20	10	10	10	10	20	40
13	10	10	10	10	10	10	10	10	10	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
15	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	20	10	10	10	0	10	20	10	10	10	20	10	20
16	10	10	10	10	20	10	10	20	10	20	20	20	30	40	40	10	30	50	40	40	40	30	30	30	20	50
17	30	30	30	30	30	20	20	20	20	20	30	40	60	60	60	70	90	90	90	60	50	50	40	30	40	90
18	30	30	30	30	30	30	20	20	30	30	40	50	100	100	120	90	100	120	110	110	100	80	60	60	60	120
19	50	40	30	40	40	30	40	30	30	40	60	80	110	120	90	110	100	120	120	110	80	70	60	50	70	120
20	50	40	40	40	40	30	40	20	20	30	30	40	60	90	110	130	110	120	120	110	90	70	60	80	60	130
21	70	90	80	70	60	60	60	50	40	40	40	50	40	40	40	30	30	40	40	40	30	30	30	20	50	90
22	20	20	20	20	20	20	10	20	20	20	30	50	50	50	80	100	100	70	60	40	40	40	40	30	40	100
23	20	20	20	20	20	20	30	20	30	30	40	50	70	90	110	120	120	110	110	80	70	50	40	40	60	120
24	40	40	30	30	40	30	30	40	30	50	60	80	110	120	120	90	80	70	90	110	110	120	120	110	70	120
25	110	110	100	100	100	90	80	70	80	100	120	100	40	30	40	90	100	130	110	90	100	100	90	90	90	130
26	80	70	70	60	50	50	50	50	40	50	70	110	120	100	100	90	90	90	100	110	100	80	70	50	80	120
27	50	40	30	30	20	20	20	20	20	20	20	20	30	40	70	80	80	70	70	60	50	50	40	40	40	80
28	30	30	30	20	20	30	40	30	30	40	30	30	40	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	30	40
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	0	10	10	0	10	10	10	20	20	30	40	40	30	30	30	20	20	20	20	20	40
31	10	20	20	20	10	20	20	10	20	20	20	20	40	50	60	50	50	50	50	40	40	40	40	30	30	60

QC Checked 4/10/75 By: SO

CORRECTED DATA

NITROGEN OXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY R.F

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$ START	$$$$	30	40	40	50	40	30	30	30	40	40	40	50
20	30	40	40	40	30	30	30	30	30	30	30	40	40	50	50	70	50	30	30	30	30	30	30	30	40	70
21	20	20	20	20	20	10	10	20	20	20	20	30	30	40	50	50	70	60	70	60	80	70	60	40	40	80
22	30	10	20	10	10	10	10	0	10	0	10	10	20	10	20	20	10	10	0	0	0	0	0	0	10	30
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	10	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	20	20	20	10	10	10	10	10	10	20
29	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	40	30	30	30	20	20	20	20	10	20	40
30	20	20	10	10	20	10	10	10	10	10	10	10	20	10	30	40	50	50	50	30	20	20	10	10	20	50
31	10	10	10	10	10	10	10	10	10	0	0	~~$$$$~~	~~$$$$~~ 1/ms	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	30	20	20	20	20	20	10	10	10	0

CORRECTED DATA

QC Checked 4/11/75 By: SD

NITROGEN OXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.M.F.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	20	20	10	0	0	0	0	0	0	20
2	0	0	0	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0	10	10	20	20	20	10	10	10	10	10	10	20
3	0	0	0	0	0	0	0	0	0	0	10	0	0	10	30	30	30	30	10	10	0	0	0	0	10	30
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	10	10	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	10	20	20	30	30	30	30	30	30	30	30	20	20	30
6	20	20	20	20	20	20	10	10	10	10	10	10	20	20	30	40	50	40	40	30	30	30	20	20	20	50
7	10	10	10	10	10	10	10	10	10	10	10	20	30	40	40	40	50	40	40	30	30	30	20	20	20	50
8	20	10	20	20	20	20	20	20	20	20	30	10	10	10	20	20	20	20	20	20	20	20	20	20	20	30
9	20	20	20	20	10	10	10	10	10	10	10	10	20	20	30	30	40	30	20	10	10	10	10	10	20	40
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	20	20	20	10	10	0	0	0	0	10	20
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
15	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	0	0	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	0	0	10	0	10	10	10	20	10	30	40	50	40	30	30	20	20	10	20	20	50
18	10	10	10	10	10	10	10	10	10	10	10	20	40	50	80	100	100	90	60	50	40	30	30	30	30	100
19	20	10	10	10	20	10	10	10	10	10	20	30	60	70	100	90	100	90	70	40	40	30	20	20	40	100
20	20	10	20	20	20	10	10	10	10	10	10	10	20	30	70	80	90	80	80	50	40	30	20	30	30	90
21	40	30	40	20	20	20	30	20	20	20	10	20	20	20	20	20	10	20	20	10	10	10	10	10	20	40
22	10	10	10	10	0	0	10	0	0	10	10	20	20	20	30	50	40	30	30	20	20	10	20	10	20	50
23	10	10	10	10	10	10	10	10	10	20	20	20	20	40	60	80	80	70	50	40	20	20	20	20	30	80
24	20	20	20	20	10	20	20	20	10	20	20	40	50	70	110	140	140	140	130	130	120	90	90	80	60	140
25	70	60	50	50	40	40	30	30	30	50	80	110	20	10	10	40	50	70	60	50	50	50	40	40	50	110
26	30	30	30	20	20	30	20	20	20	20	40	60	40	130	130	130	130	130	110	80	60	50	40	30	60	130
27	20	20	10	10	10	10	0	0	0	0	10	10	10	20	30	30	30	30	30	30	20	30	20	20	20	30
28	10	10	20	10	10	10	10	10	10	10	20	10	20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	20
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	20	20	10	10	10	10	10	10	10	20
31	0	10	10	10	10	10	10	10	0	0	0	10	10	20	30	30	30	20	20	20	20	20	10	10	10	30

CORRECTED DATA

QC Checked 4/10/75 By: SO

OZONE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY R.F

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
17	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	40	40	60	70	70	70	70	70	70	70	60	60	70
18	50	50	50	60	50	50	50	50	50	50	50	60	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	60	80	70	60	70	60	80
19	60	60	50	50	70	70	50	70	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	80	90	100	90	80	80	80	80	80	80	70	100
20	80	70	60	60	60	60	50	50	50	40	50	50	60	60	70	80	70	50	50	50	40	40	40	40	60	80
21	30	40	40	30	30	30	30	30	40	40	50	50	50	60	70	110	110	100	100	100	100	110	100	80	60	110
22	80	90	80	90	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	60	70	80	90
23	60	60	60	60	60	50	50	50	50	40	50	50	70	60	60	60	60	60	60	50	50	50	50	50	60	70
24	50	50	50	50	50	50	40	40	50	50	40	50	60	70	80	80	70	60	60	50	60	50	50	40	50	80
25	40	40	30	30	30	30	30	30	30	30	40	50	50	60	60	60	60	50	50	50	40	40	40	30	40	60
26	30	30	30	30	30	30	30	30	30	30	40	50	50	50	60	80	70	70	70	60	50	50	40	40	40	80
27	40	30	30	30	30	30	30	30	30	30	30	40	40	50	60	60	60	60	60	60	50	50	40	40	40	60
28	40	30	30	30	30	30	30	30	30	30	40	30	40	50	70	80	80	70	70	70	50	50	50	40	50	80
29	40	40	40	40	30	30	30	40	40	40	40	40	50	70	70	90	80	80	70	60	60	60	50	50	50	90
30	50	50	50	40	50	50	50	50	50	40	40	40	60	80	120	120	110	100	80	70	60	50	50	50	60	120
31	50	40	40	40	50	40	50	50	40	40	40	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	60	70	70	70	70	70	60	50	50	50	70
AV	50	50	50	50	50	50	40	40	40	40	40	50	60	60	70	80	80	70	70	70	60	60	60	50	60	0

QC Checked 4/11/75 By: SO

OZONE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

CORRECTED DATA

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY R.M.F. /G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	50	40	40	40	40	40	40	40	40	40	50	60	80	90	90	80	80	70	60	60	50	50	50	50	90
2	40	40	40	40	40	40	40	40	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	60	70	80	90	90	90	80	80	70	70	60	60	60	90
3	60	60	50	50	50	50	50	40	40	40	50	60	60	80	100	110	100	90	80	70	60	60	50	50	60	110
4	50	50	50	50	40	40	40	40	40	40	40	40	50	60	60	70	70	60	60	60	60	50	50	50	50	70
5	50	50	50	50	50	50	50	40	50	50	40	50	60	60	70	100	110	90	80	100	110	110	100	100	70	110
6	100	80	80	90	70	60	60	50	50	50	50	50	60	60	70	110	130	120	100	80	70	70	60	60	80	130
7	60	60	50	50	50	50	50	40	50	50	60	60	80	100	100	120	120	120	120	110	90	80	70	60	70	120
8	70	60	70	60	60	60	50	70	80	90	90	50	60	60	70	60	60	70	60	60	50	50	50	80	60	90
9	80	80	80	70	70	70	70	60	60	60	60	60	80	80	90	90	90	100	80	80	80	80	80	80	80	100
10	70	70	70	60	60	60	60	60	60	60	60	60	70	70	70	70	80	70	60	70	70	70	60	60	70	80
11	60	60	60	60	50	50	50	50	50	50	50	60	80	80	80	80	80	80	80	80	80	80	80	80	70	80
12	70	70	70	70	70	70	70	70	70	70	70	70	70	80	80	80	80	80	80	70	70	60	70	60	70	80
13	60	60	60	60	60	60	60	60	60	60	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	60	60
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
15	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	80	80	70	80	80	80	80	80	80	80	80	80	80
16	80	70	70	70	70	70	60	60	60	60	70	70	80	90	90	80	80	90	90	90	90	90	80	80	80	90
17	80	80	70	70	70	70	70	60	60	60	60	70	80	70	90	110	130	140	130	110	100	90	90	80	80	140
18	90	80	70	70	70	70	60	60	60	60	60	70	80	130	180	180	190	170	130	120	100	90	90	80	100	190
19	80	70	70	70	70	70	60	60	60	60	70	70	90	110	150	150	140	120	100	90	80	80	70	70	90	150
20	60	70	60	60	60	50	50	50	50	50	50	50	60	70	90	110	120	120	100	90	80	80	90	90	70	120
21	90	90	90	90	80	90	90	90	80	80	90	90	90	90	90	90	80	80	80	80	80	70	80	70	80	90
22	70	70	70	70	70	70	70	60	60	60	60	70	70	80	80	90	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	70	90
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	70	80	70	60	50	50	50	50	30	40	50	50	50	80
28	50	50	30	20	30	40	40	40	30	40	70	70	60	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	40	70
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$

UNCORRECTED DATA

Entered 41

QC Checked 3-25-75 / By: D. G.

①

SCATTERING COEFFICIENT , b_s 22 1.00
(10^{-3} m^{-1})

DATA FOR MONTH OF Dec. 1974 STATION NUMBER A2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R. M. Felix

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												①
8																												
9																												
10													START	→	→	.01	0	0	0	.01	.01	.01	.01	.02				
11	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	0	0	0	0	0	0	0	0	0	.01	.01	.01				
12	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
13	.01	.01	.01	.01	.02	.01	.01	0	0	0	0	0	0	0	EMT	→	.01	.01	.01	0	.01	.01	0	.01				
14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	0	0	0	0	0	0	0	0	0	0	0	0				
15	0	0	0	0	0	0	0	.01	[illegible]	.01	.01	0	0	0	0	0	0	0	0	0	0	0	0	.01				
16	0	.01	.01	.01	.01	.01	0	0	0	.01	0	.01	←	—	—	CA	—	—	→	.03	.03	.03	.03	.03				
17	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.03	.02	.02	CA	.02	.03	.03	.03	.03	.03	.03	.03	.03				
18	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	←	—	CA	—	—	—	→	.03	.03	.03	.03	.03				
19	.03	.03	.03	.03	.03	.03	.03	.03	←	—	CA	—	—	→	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04				
20	.02	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03				
21	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03				
22	.03	.03	.03	.03	.03	[illegible]	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.02				
23	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	[illegible]				
24	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	[illegible]				
25	.05	[illegible]	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05				
26	.05	.05	.05	.05	.05	.05	.05	.05	.05	[illegible]	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05				
27	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04				
28	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05				
29	.06	.06	.06	.06	.07	.06	.07	.06	.05	.06	.05	.05	.05	.06	.05	.05	.05	[illegible]	.05	.05	.06	.06	.06	.05				
30	.06	.05	.06	.07	.07	.06	.06	.06	.06	.07	.06	.06	.05	.05	.05	.05	.04	.05	.05	.05	.06	.06	.06	.06				
31	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	←	IM	—	→	.06	.06	.06	.07	.06	.06	.06	.06	.07				
AVERAGE																												

UNCORRECTED DATA

QC Checked 1-5-75 By: D.G.

①

SCATTERING COEFFICIENT , b_s 22 0-1.00
(10^{-3} m^{-1})

DATA FOR MONTH OF Jan 1975 STATION NUMBER A 2
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY R. M. Felix

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	l
1	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.05				
2	.05	.05	.06	.06	.06	.06	.06	.05	←	PF	—	→	.07	.07	.06	.06	.05	.05	.05	.05	.06	.05	.05	.05				
3	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.06	.05	.05	.05	.06				
4	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.07				
5	.06	.06	.05	.05	.05	.05	.05	.06	.05	.05	.06	.05	.04	.04	.04	.03	.03	.04	.04	.04	.03	.03	.03	.03				
6	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04				
7	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03				
8	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04				
9	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.03				
10	.04	.04	.05	.05	.05	.05	.05	.05	.06	.06	.05	.06	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05				
11	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05				
12	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05				
13	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	←	—	—	—	—	—	—	—	—	—	—	—	—	—				
14	←	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	→				
15	←	—	—	—	—	—	PF	—	—	—	—	—	→	.05	.05	.06	.06	.06	.06	.05	.05	.05	.05	.05				
16	.05	.05	.05	.05	.06	.06	.05	.05	.05	.06	.05	.05	.05	.04	.05	.05	.05	.05	.05	.06	.06	.05	.06	.06				
17	.06	.05	.05	.05	.05	.06	.06	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.06	.07	.06	.07	.06	.07	.07				
18	.07	.07	.06	.06	.06	.04	.05	.06	.06	.05	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05				
19	.5	.5	.5	.4	.5	.4	.4	.5	.5	.4	.4	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	.4	.4	.4				
20	.4	.4	.4	.5	.5	.4	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.3	.3				
21	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4				
22	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.4	.4	.4	.4	.4				
23	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4				
24	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.2				
25	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.2	.3	.3	.2	.2	.2	.2	.2	.3	.3	.3				
26	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.5	.5	.5	.4	.3				
27	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.3	.4	.4				
28	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.5	.6	.6	.6	.5	.4	.5	.4	.4	.4	.4	.5	.5	.5				
29	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6				
30	.6	.6	.6	.6	.6	.5	.6	.6	.6	.5	.6	.5	[illegible]	.6	.6	.6	.5	.5	.6	.6	.5	.6	.6	.5				
31	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.5	.6	.6	.5	.5				
AVERAGE																												

STATION A-3

WIND SPEED -10m
MPH

WHITE RIVER SHALE PROJECT, UTAH
NOVEMBER, 1974
SITE A 3
AEROVIRONMENT INC.
REPORT PREPARED BY C.L

CORRECTED DATA

QC Checked 4/1/75 By: JGB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$ >	4.0	6.0	3.5	5.0	4.5	3.5	3.5	4.0	4.0	2.5	3.0	2.5	2.5	3.5	6.0
28	9.5	4.5	2.5	3.0	3.0	2.0	2.0	2.5	3.5	3.5	6.0	8.5	7.5	7.5	14.5	16.5	14.0	11.0	10.0	7.5	6.5	7.0	9.0	3.0	7.0	16.5
29	2.5	3.0	3.5	2.5	3.0	3.0	4.5	4.5	5.0	3.5	3.0	3.0	4.0	3.0	4.5	5.5	3.5	4.5	4.0	3.0	2.0	2.5	3.0	3.5	3.5	5.5
30	2.0	3.5	3.0	6.0	4.5	3.5	3.0	3.0	2.0	2.5	3.0	3.0	3.5	3.5	7.0	6.5	5.5	5.5	3.5	3.5	3.0	2.0	3.0	2.5	3.5	7.0
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	4.5	3.5	3.0	4.0	3.5	3.0	3.0	3.5	3.5	3.0	4.0	4.5	5.0	4.5	7.5	8.0	6.5	6.0	5.5	4.5	3.5	3.5	4.5	3.0		

WIND SPEED -10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 3

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

QC Checked 4/1/75 By: JLB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	3.5	4.0	3.0	3.0	4.0	2.5	3.5	3.0	3.0	3.5	3.5	4.0	4.5	4.5	3.5	5.0	8.0	4.5	3.5	2.0	2.5	2.0	3.0	3.5	8.0
2	1.5	4.0	3.5	4.0	4.0	3.5	4.0	4.5	3.0	2.5	4.0	3.5	4.0	4.5	3.5	4.0	3.5	3.5	4.5	2.5	2.0	2.0	1.5	2.5	3.5	4.5
3	2.5	4.5	3.5	2.5	2.5	3.5	1.5	1.5	2.5	IM	3.5	4.0	4.5	5.5	5.0	4.0	6.5	5.0	3.5	2.5	2.0	2.5	3.0	2.5	3.5	6.5
4	2.0	2.5	1.5	2.5	2.0	1.5	1.5	2.0	2.0	3.0	3.5	4.0	4.5	4.5	2.5	4.0	4.5	4.0	4.0	4.5	4.5	2.5	2.0	2.0	3.0	4.5
5	2.5	2.0	2.0	4.0	2.0	2.0	1.5	1.5	1.5	3.5	3.5	4.0	3.5	2.5	3.5	4.0	4.5	2.5	5.0	5.0	3.5	3.5	4.0	2.0	3.0	5.0
6	2.5	2.0	1.5	2.0	2.0	2.0	3.0	2.0	2.5	4.0	7.0	5.5	4.5	5.5	3.5	4.5	6.5	5.5	3.5	4.0	2.0	3.5	2.5	2.0	3.5	7.0
7	2.5	2.0	3.0	2.5	3.5	1.5	2.5	2.5	3.5	3.0	4.5	5.0	5.5	5.0	4.0	12.0	14.0	9.5	11.0	8.0	10.0	6.5	7.0	5.5	5.5	14.0
8	4.0	3.5	5.0	3.5	3.0	3.0	1.5	2.5	3.0	3.5	3.5	4.5	4.5	5.0	4.0	4.0	3.5	3.0	5.0	6.0	6.0	5.5	5.5	3.5	4.0	6.0
9	4.0	4.5	4.0	4.0	3.5	3.5	3.5	3.5	MT	3.0	3.5	3.5	4.0	4.0	4.5	5.0	4.0	5.5	3.0	1.5	1.5	2.5	4.5	5.5	3.5	5.5
10	5.0	4.0	4.0	3.5	3.0	2.5	4.0	3.5	4.0	3.5	3.5	4.0	5.5	5.0	4.5	3.0	1.5	3.0	5.5	2.5	3.5	3.0	3.5	4.5	3.5	5.5
11	6.0	5.0	4.0	3.5	3.5	2.0	3.5	MT	2.5	3.5	3.5	4.0	4.0	6.0	4.5	4.0	3.0	2.5	2.5	1.0	4.0	2.0	4.0	4.0	3.5	6.0
12	2.5	2.5	4.0	4.0	3.0	4.5	5.5	4.0	3.5	3.5	3.5	4.0	5.0	5.0	4.0	3.5	5.0	4.0	2.5	2.0	1.5	2.5	2.5	3.5	3.5	5.5
13	3.5	2.5	3.5	2.5	4.5	8.5	5.0	3.0	4.5	1.5	8.0	10.5	13.5	18.0	15.0	13.0	13.0	12.5	8.5	8.5	7.0	3.5	2.0	3.0	7.5	18.0
14	1.5	1.5	2.0	2.0	2.0	2.5	2.0	3.5	2.5	2.5	3.0	3.5	5.5	2.5	3.5	4.0	5.0	5.0	2.5	2.0	3.0	3.0	3.0	3.5	3.0	5.5
15	4.0	5.0	3.5	3.5	3.5	5.0	3.5	3.5	3.5	3.0	2.5	4.0	5.0	4.5	3.5	4.0	6.0	6.0	2.5	5.5	3.5	3.5	3.0	2.5	4.0	6.0
16	4.0	5.0	4.5	6.0	5.5	7.0	5.0	MT	5.0	3.5	5.0	4.0	4.0	3.5	4.0	4.0	1.5	2.0	4.0	2.0	4.0	3.5	4.5	4.5	4.0	7.0
17	3.5	2.0	2.5	2.0	4.0	2.0	2.0	3.0	3.0	3.5	3.5	4.0	5.0	7.5	7.0	8.0	19.5	12.5	10.0	5.0	2.5	4.0	4.0	5.0	5.0	19.5
18	4.0	5.5	4.0	4.0	5.0	5.5	6.0	4.5	3.0	3.5	3.5	4.0	3.5	5.0	3.0	2.5	3.5	2.0	2.0	2.5	3.0	5.0	3.0	5.5	4.0	6.0
19	3.5	4.5	2.0	2.5	3.5	6.5	3.5	4.0	MT	4.0	5.5	8.0	14.5	16.0	17.5	15.0	←	CA	→	10.0	4.0	2.5	1.5	2.5	6.5	17.5
20	3.5	2.5	3.5	4.5	3.5	3.0	2.5	3.0	3.5	2.5	2.5	3.0	3.0	3.0	2.5	2.5	4.0	4.0	3.0	2.0	3.0	2.5	4.5	2.5	3.0	4.5
21	5.5	3.5	3.5	3.5	3.0	3.0	2.0	2.0	1.5	1.5	1.5	3.5	3.5	4.0	3.5	3.5	15.0	17.0	12.5	14.0	16.0	21.0	17.0	19.0	7.5	21.0
22	19.5	21.5	22.0	22.5	16.5	14.0	8.5	8.0	4.5	5.5	15.0	16.0	15.0	17.0	17.0	15.5	13.0	9.0	9.0	8.0	6.0	6.0	4.5	3.0	12.5	22.5
23	3.5	2.5	.5	1.5	.5	1.0	1.0	1.0	.5	1.5	2.0	3.5	4.0	6.5	7.5	9.0	8.5	7.5	6.5	8.5	6.5	6.5	5.5	6.5	4.5	9.0
24	4.5	1.0	3.0	2.0	2.0	2.5	5.0	3.5	MT	4.5	3.5	4.0	4.0	4.0	3.0	3.5	3.5	6.0	5.0	5.0	2.0	2.0	1.5	4.0	3.5	6.0
25	3.5	4.0	3.0	2.0	3.0	1.0	1.5	1.0	10.5	4.0	3.5	4.5	4.0	5.0	5.5	4.0	4.0	4.0	4.5	3.0	3.0	2.5	4.0	5.0	4.0	10.5
26	4.0	4.0	3.0	1.5	2.0	4.0	2.5	1.0	3.5	3.0	3.5	4.5	5.5	4.0	3.0	3.5	5.5	3.0	4.0	5.0	6.0	4.5	4.5	3.0	3.5	6.0
27	3.5	1.5	4.0	5.0	3.0	4.0	2.0	2.0	1.0	2.5	3.5	3.5	4.0	6.5	5.0	3.5	4.0	3.5	1.5	3.0	2.0	2.0	1.5	3.0	3.0	6.5
28	1.0	2.5	1.0	1.5	3.0	.5	.5	.5	1.0	1.0	1.5	2.5	3.5	3.0	3.0	2.5	2.5	1.5	2.5	1.0	1.0	.5	1.0	1.5	1.5	3.5
29	.5	.5	.5	.5	2.5	2.5	.5	.5	.5	.5	.5	2.0	.5	1.5	2.5	4.0	6.0	1.5	1.0	1.5	1.0	.5	2.0	1.5	1.5	6.0
30	1.5	2.0	1.0	1.0	3.5	4.0	3.5	2.0	2.5	2.5	3.5	4.5	3.0	4.0	5.0	4.0	3.5	2.0	3.5	1.0	.5	.5	.5	.5	2.5	5.0
31	.5	.5	1.5	.5	.5	.5	.5	1.0	1.0	1.0	3.5	4.0	MT	3.5	5.0	8.5	8.5	4.5	2.0	3.0	3.5	4.0	3.5	5.0	3.0	8.5
AV	3.5	3.5	3.5	3.5	3.5	3.5	3.0	2.5	3.0	3.0	4.0	4.5	5.0	5.5	5.5	5.5	6.5	5.5	4.5	4.5	4.0	3.5	3.5	4.0		

ok

UNCORRECTED DATA

QC Checked 1-4-75 By: D.G.

STATION WIND SPEED (MPH) :4

10-M

DATA FOR MONTH OF Jan 1975 STATION NUMBER A5

REPORTING GROUP AEROVIRONMENT INC.

STATION LOCATED AT UTAH

REPORT PREPARED BY

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1	3.5	5.0	2.5	2.0	2.5	1.0	3.0	1.5	3.0	2.0	3.0	3.0	3.5	2.5	2.0	3.5	5.0	1.5	4.5	2.5	1.0	1.5	0	4.5				
2	1.5	1.0	1.0	2.5	1.5	2.5	.5	1.0	1.0	2.5	2.5	3.0	1.5	1.0	2.0	3.0	2.5	4.0	5.0	5.5	2.5	3.5	4.5	3.5				
3	3.0	1.0	3.0	3.0	2.0	2.0	3.0	1.5	2.0	2.0	1.5	3.0	2.0	2.5	3.0	4.5	1.5	1.5	1.5	1.5	2.0	1.5	1.0	1.0				
4	1.0	.5	.5	1.0	1.0	1.0	1.0	1.0	1.5	.5	1.5	3.0	3.0	4.0	4.0	4.0	6.0	2.0	5.0	8.5	3.0	2.0	1.5	3.5				
5	4.0	2.0	4.0	3.0	2.5	1.0	3.0	1.5	1.5	2.5	2.5	1.5	2.5	4.5	3.5	2.0	2.5	1.0	2.5	1.5	3.5	1.0	2.0	.5				
6	0	3.0	0	0	.5	1.0	2.0	1.5	2.0	1.0	2.0	.5	3.0	2.5	1.5	7.5	10.0	5.5	7.0	4.5	3.5	2.5	2.0	1.0				
7	.5	0	2.0	0	1.0	1.5	5.0	7.5	2.0	2.5	2.0	6.0	8.5	7.0	7.5	4.0	3.0	1.5	3.5	4.0	3.5	4.5	2.5	2.0				
D.G. 8	2.5	3.5	2.0	2.0	1.0	1.5	3.0	3.0	12.5	MT	6.5	11.0	3.0	2.5	3.0	11.0	3.5	6.5	5.0	3.0	3.0	3.0	2.0	4.5				
9	2.5	6.0	2.5	2.0	3.0	1.5	3.0	1.0	.5	3.0	1.0	2.0	3.0	2.0	1.5	2.0	5.5	13.0	10.0	9.5	12.0	11.0	6.5	2.0				
10	3.5	4.1	1.5	1.0	2.5	3.5	5.0	1.0	4.5	1.0	1.5	1.5	1.0	2.0	2.5	1.5	0	3.5	4.0	1.5	2.5	2.5	1.5	1.5				
11	1.0	2.5	2.0	1.5	1.5	2.0	1.0	2.5	2.5	1.5	2.0	2.5	3.5	8.0	1.5	5.0	5.0	7.0	5.5	6.5	6.0	14.0	12.5	12.0				
12	2.0	5.5	6.5	6.0	5.5	7.5	4.5	2.0	.5	1.0	2.5	2.0	3.0	4.5	4.5	5.5	5.0	2.5	2.0	5.0	4.0	.5	.5	2.5				
13	2.5	1.5	2.0	2.0	0	1.0	1.5	1.5	3.0	2.5	3.0	2.0	2.5	4.5	4.5	3.5	2.0	1.5	4.2	1.0	3.5	1.0	.5	.5				
14	1.0	0	1.0	.5	2.5	0	1.0	1.5	1.0	2.5	2.5	2.5	4.0	3.0	2.5	2.0	1.0	3.0	2.0	1.0	.5	.5	.5	0				
15	1.0	0	0	1.0	1.0	2.5	1.5	1.0	1.0	1.5	1.0	2.0	1.5	1.5	1.5	MT	.5	.5	3.0	2.5	2.5	1.5	1.5	.5				
16	.5	.5	0	1.0	1.0	2.5	1.0	2.0	1.0	3.0	1.0	3.0	3.0	3.5	3.5	3.0	3.5	4.5	1.5	4.5	5.0	3.5	2.0	2.0				
17	.5	1.0	2.0	2.0	.5	2.5	2.0	1.0	2.5	2.0	2.0	2.0	3.5	3.0	4.0	4.5	3.0	.5	1.0	.5	3.0	2.0	2.0	1.5				
18	2.5	2.0	.5	1.5	2.0	1.0	1.0	2.0	2.0	3.5	2.5	5.0	3.5	3.5	3.0	4.5	6.0	3.5	2.0	3.5	2.5	2.5	.5	1.0				
19	1.0	3.0	6.0	4.5	4.0	4.5	3.5	1.5	1.0	2.0	3.0	2.5	3.5	2.5	2.5	4.0	1.0	3.0	1.0	1.0	1.0	1.5	1.0	1.0				
20	0	0	2.0	2.0	1.0	1.0	1.5	1.5	2.0	3.0	3.5	2.2	3.5	6.0	1.0	3.0	3.0	4.0	3.0	3.0	2.5	2.0	14.0	11.5				
21	10.5	10.5	10.0	9.5	13.5	19.0	13.5	11.0	11.0	19.5	11.0	15.0	12.5	11.0	12.0	13.0	9.0	6.0	3.1	4.0	3.0	2.5	2.0	1.0				
22	1.5	3.5	2.5	3.0	3.5	3.5	3.0	1.5	1.5	2.0	2.0	2.5	2.5	3.5	4.0	3.5	4.5	3.0	1.0	2.0	2.5	1.0	1.0	1.5				
23	2.0	2.0	1.0	.5	.5	1.0	.5	.5	1.5	2.5	3.0	2.5	3.5	3.0	3.5	4.0	4.5	1.5	2.5	2.0	3.0	2.0	2.5	4.0				
24	2.0	1.5	3.5	2.0	1.5	3.0	1.5	2.0	1.0	MT	1.0	3.0	3.0	5.0	3.5	7.0	5.0	5.5	9.0	8.0	3.0	2.5	3.0	1.0				
25	1.0	2.0	2.5	1.5	.5	1.0	.5	0	5.0	1.0	2.0	6.0	6.5	15.5	17.5	14.0	7.5	6.5	7.0	3.0	2.0	2.0	1.5	1.0				
26	3.5	1.0	.5	4.0	5.5	3.5	2.5	2.5	2.0	1.5	2.0	14.0	15.0	13.5	18.0	14.0	12.0	12.0	11.5	13.5	12.5	4.5	3.0	4.0				
27	2.0	2.0	5.0	6.0	5.0	5.0	4.5	6.0	4.0	1.0	3.5	3.0	3.0	3.5	3.0	6.0	7.0	7.0	5.0	4.0	4.0	3.5	5.0	4.5				
28	1.5	2.0	2.5	3.0	3.5	6.5	4.5	1.5	1.5	5.0	2.5	5.0	4.5	12.0	15.5	14.5	12.0	8.5	6.5	5.0	5.0	4.5	4.0	5.0				
29	2.5	4.0	3.0	1.0	.5	0	0	0	0	0	.5	.5	.5	1.5	1.0	1.5	1.0	1.0	1.0	.5	1.0	0	.5	.5				
30	2.0	1.5	1.0	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.5	2.5	2.5	2.5	3.5	3.5	1.0	1.5	0	1.5	1.5	4.0	2.0	2.5				
31	2.5	3.0	2.0	2.0	1.0	1.0	1.5	1.5	1.0	1.0	0	3.0	3.5	1.5	2.5	3.0	1.5	3.0	1.5	1.5	2.5	2.0	1.0	2.0				
Average																												

WIND DIRECTION-10m
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 3

QC Checked 4/5/75 By: SO

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
12	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
13	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
14	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
15	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
16	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
17	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
18	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
19	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ ST/	$$$?	305	325	10	175	165	135	195	215	215	230	230	290	340	40	11
20	45	230	45	35	75	75	50	35	245	350	160	300	165	325	215	325	65	350	270	270	165	35	275	340	3
21	270	255	195	30	255	10	325	45	315	305	165	270	15	340	310	5	245	345	265	330	255	135	215	345	12
22	155	240	235	165	20	200	340	0	85	350	300	190	345	300	70	340	355	200	225	305	345	350	355	325	16
23	105	210	240	205	275	210	160	245	310	145	MT	355	10	325	305	345	235	300	20	85	225	45	185	245	10
24	270	275	320	345	320	355	230	315	MT	220	305	10	315	100	10	15	15	15	340	20	315	240	340	230	15
25	0	245	345	70	265	205	35	245	10	300	15	355	345	260	25	15	275	15	5	260	310	320	0	20	2
26	355	315	185	235	320	35	0	340	320	0	350	200	225	160	5	40	20	215	345	335	10	350	345	215	1
27	220	270	170	285	330	65	175	330	245	310	255	0	325	100	320	45	335	355	205	185	350	215	215	120	9
28	330	275	325	270	305	230	350	240	115	190	300	275	320	320	350	295	5	30	315	10	325	335	315	355	15
29	320	245	205	165	105	320	310	255	205	70	225	200	150	305	330	325	330	245	275	30	20	320	180	200	15
30	320	310	20	25	25	55	0	315	290	165	145	85	265	215	235	340	345	45	355	25	235	355	55	310	2
31	330	350	310	340	350	215	270	335	240	305	255	MT	235	295	300	15	200	330	250	215	0	310	340	235	11
PV	13	12	15	2	15	10	3	12	12	15	8	1	15	15	1	2	16	2	13	2	11	1	16	15	

CORRECTED DATA

QC Checked 4-4-75 By: D.G.

STATION WIND DIRECTION #3
10 m (DEG)

DATA FOR MONTH OF JAN 1975 STATION NUMBER A3
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1	170	350	170	330	310	170	185	230	325	0	150	205	330	15	175	315	315	35	70	350	35	245	255	30				
2	355	340	250	245	325	350	165	270	310	240	175	270	335	340	165	265	35	0	350	25	35	80	135	225				
3	305	60	345	340	345	165	320	275	165	100	110	305	275	320	335	165	215	260	240	270	270	135	320	335				
4	350	30	195	235	30	225	250	240	210	215	240	210	165	305	30	245	345	255	245	335	310	215	275	135				
5	190	320	200	245	240	200	245	10	40	345	355	270	345	175	180	265	100	190	45	195	175	240	290	255				
6	225	280	135	140	330	55	340	245	350	245	330	290	210	245	20	350	305	330	25	275	230	305	335	310				
7	255	280	245	300	275	135	235	320	335	245	300	355	330	290	295	325	215	300	300	325	310	15	85	165				
D.G. 8	345	265	355	340	295	250	225	305	340	MT	275	300	330	300	225	10	45	325	300	345	35	50	350	255				
9	325	210	245	60	225	300	225	135	350	35	90	5	245	310	60	335	0	210	210	125	185	270	60	215				
10	305	330	355	235	300	310	210	200	315	285	180	340	[illegible]	270	120	235	225	35	220	40	330	285	290	255				
11	275	355	10	325	255	300	295	250	310	195	200	330	240	220	110	155	195	15	255	300	310	295	350	0				
12	155	145	145	145	155	110	115	210	350	140	255	70	135	230	170	115	340	310	280	215	230	0	350	270				
13	325	320	325	195	230	240	220	305	300	35	30	265	350	275	160	125	195	345	335	350	270	15	320	335				
14	315	290	255	330	355	155	265	10	255	300	245	300	50	40	325	350	155	15	15	225	250	70	0	355				
15	215	325	240	245	320	315	305	315	240	295	255	220	325	150	245	MT	200	270	310	275	255	265	45	270				
16	175	335	200	155	110	350	200	100	225	195	140	305	350	125	270	35	315	350	270	5	15	300	295	325				
17	255	215	315	20	325	355	15	330	170	270	335	235	275	240	325	220	255	180	225	265	25	190	335	335				
18	265	350	250	265	295	350	240	315	10	310	260	340	320	245	195	310	295	325	215	10	250	350	150	355				
19	270	340	300	235	265	50	65	300	255	15	340	315	155	245	350	305	300	345	210	340	190	210	325	355				
20	15	325	330	215	0	215	255	205	240	15	325	315	220	350	330	310	5	325	230	215	240	275	300	300				
21	230	340	320	350	310	0	30	350	10	0	220	330	25	0	20	85	125	15	0	270	330	15	235	225				
22	215	10	210	355	150	275	325	100	10	195	340	245	300	215	340	195	220	210	175	280	215	155	325	165				
23	175	240	245	10	115	230	300	270	355	60	225	115	215	315	350	175	240	325	305	100	295	270	240	235				
24	310	165	215	35	320	305	30	275	245	MT	310	275	325	220	195	210	225	210	75	345	350	315	40	330				
25	315	295	300	295	310	270	350	240	205	355	321	355	355	100	45	5	85	255	0	220	330	310	275	225				
26	190	215	210	240	135	250	330	200	255	275	310	340	0	340	325	330	355	320	350	230	340	270	290	295				
27	35	240	260	325	10	355	0	310	305	265	295	330	310	250	220	210	165	156	140	140	285	300	140	195				
28	110	315	240	320	345	130	170	255	20	350	295	322	295	10	70	120	300	230	240	340	40	255	295	350				
29	345	20	15	330	20	300	300	15	220	10	265	350	20	250	30	330	350	240	280	265	5	300	315	10				
30	345	170	0	350	305	345	350	170	165	320	235	340	230	55	175	170	355	245	235	305	250	135	70	275				
31	215	190	110	295	265	125	165	170	205	150	170	235	165	325	230	330	60	240	340	15	210	215	155	230				
Prevailing																												

UNCORRECTED DATA

Entered Tape 42 JC

QC Checked 3-23-75 By: D.C.

(100)

#1

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Jan 197 4 STATION NUMBER 43
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK conc	DAILY PEAK TIME	CALIBRATION
1																												94
2																												95
3								ST	AR	T→	4	3	2	2	2	2	3	3	3	3	3	3	4	3				96
4	3	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	3	2	4	4	3				97
5	3	3	3	3	3	3	2	3	4	4	3	3	2	3	3	3	2	2	2	2	2	3	2	3				97
6	2	2	2	3	3	3	3	4	4	3	2	1	2	1	2	2	1	1	←	—	IM	—	—	→				98
7	←	—	—	—	—	—	—	—	—	—			IM	—	—	—	—	—	—	—	—	—	—	→				99
8	←	—	—	—	—	—	—	—	—	—	—	—	IM		—	—	—	—	—	—	—	—	—	→				100
9	←	—	—	—	IM	—	—	—	→	4	2	2	2	2	1	1	2	2	2	3	3	3	3	2				101
10	2	3	3	3	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2				102
11	2	2	2	3	3	3	3	4	4	4	4	2	2	2	2	2	2	2	2	2	3	3	2	2				103
12	3	3	3	2	3	3	2	2	3	3	2	2	2	1	1	2	2	1	1	2	2	2	2	2				104
13	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2				105
14	4	4	4	4	4	3	4	3	4	4	3	3	2	2	2	2	1	1	2	2	2	2	2	2				106
15	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	1	2	2	2	2	2	3	2				107
16	2	2	2	2	2	3	2	2	2	3	2	1	1	1	1	1	1	1	1	2	1	2	2	2				108
17	2	3	3	3	2	3	3	4	3	2	2	2	2	2	1	2	3	2	2	2	3	3	2	2				109
18	2	2	2	2	2	2	2	2	3	2	2	1	2	1	2	3	2	2	3	2	2	2	2	2				110
19	2	2	2	3	3	2	3	2	3	4	3	2	2	0	0	0	←	—	—	—	CA	—	—	→				101
20	←	—	—	—	—	CA	—	—	—	→	2	2	2	2	2	2	2	3	3	2	2	2	2	2		/	/	99
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2		2	many	97
22	2	1	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	3	2	2	2	2	2		3	many	96
23	2	2	1	2	2	1	1	1	2	2	2	2	3	2	3	2	2	2	2	3	3	3	3	3		3	many	94
24	3	3	3	3	3	2	2	2	MT	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2		3	many	93
25	3	3	3	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2		3	many	91
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	many	90
27	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1		2	many	89
28	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1		2	many	87
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	2	2	2	2		2	many	85
30	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1		2	many	84
31	1	1	1	1	1		0	1	0	←	MT	→	3	3	2	2	2	2	2	2	2	2	2	2		2	[illegible]	83
AVERAGE																												

UNCORRECTED DATA

QC Checked 3-25-75 By: DG

(100)

TOTAL SULFUR, TS #1
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF JAN 1975 STATION NUMBER A3
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2				82
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1		1	1	1				80
3	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1				79
4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				78
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2				77
6	2	2	2	2	2	2		1	2	1	2	1	1	2	1	1	1	1	1	1	1	1	2	1				76
7	2	1	1	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2				75
8	1	2	2	1	2	2	2	2	2	MT	2	2	1	2	2	2	2	2	2	2	2	2	2	2				74
9	2	2	2	1	1	2	1	2	2	2	2	1	2	1	1	2	2	3	2	2	2	2	3	3				73
10	3	3	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				72
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				71
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				70
13	2	2	2	2	2	2	2	2	2	2	2	←						IM						→				69
14	←								IM								→	1	1	1	1	1	1	1				68
15	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	MT	2	2	2	1	2	2	2	1				68
16	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2				67
17	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2				66
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	←			IM				→				65
19	←												IM											→				64
20	←												IM											→				64
21	←					IM				→	←				CA				→	←		SE		→				60
22	←					SE				→	←	iA		→	2	2	2	2	2	2	2	2	2	2				116
23	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	1	1	2	2	←		IM		→				|
24	←					iM				→	3	3	2	2	2	2	2	1	1	1	1	1	1	1				|
25	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	2	1	1	2				|
26	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2				|
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				|
28	2	2	2	2	2	2	2	2	2	2	3	3	12	11	5	3	3	3	3	3	3	2	2	2				|
29	2	3	3	2	3	3	2	2	3	2	3	3	3	3	3	3	2	3	3	3	2	2	3	3				|
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3				|
31	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2				↓
AVERAGE																												

CORRECTED DATA

QC Checked 4/11/75 By: SO

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	10
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	10
6	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	~~$$$$~~	~~$$$$~~	~~$$$$~~ M	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	10
7	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
8	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
9	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	10
23	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	5	10
24	10	10	10	10	10	10	5	5	~~$$$$~~	5	5	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10
25	5	10	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	5	10	10
27	10	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	5	5	5	10
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0
1	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	-99.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G

CORRECTED DATA

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	5	5	5	5	5	5	10
8	5	5	5	5	5	5	5	5	5	~~$$$$~~	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
21	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	15	15	10	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	15
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	10	10	15	15	20	15	15	15	15	15	15	15	15	20
25	15	15	10	10	10	10	10	10	10	15	15	20	25	25	30	30	30	25	25	20	20	20	20	15	20	30
26	15	15	15	15	15	15	15	15	15	15	15	20	25	25	30	30	30	30	25	20	20	20	15	15	20	30
27	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	15	20	15	15	15	15	15	15	15	15	20
28	15	15	15	15	15	15	15	15	15	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	10	15
29	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	10	10	10	10	10	10	10	10	15
31	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY 6.6.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	5	5	5	5	5	0	0	5	0	5	5	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	5	0	0	0	0	0	5	5	5	0	5
5	0	0	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5
6	5	0	5	5	5	5	5	0	5	5	0	0	5	5	5	5	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	5
7	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
8	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
9	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	5	5	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	5	0	0	5
14	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	5	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	5
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	5	5	5	0	5	5	5	0	0	5	5	5	5	0	5
21	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	$$$$	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5	10	5	10	0	0	0	0	0	5	10
29	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	0	0	0	0	5	5	5	5	5	0	5
30	5	5	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10	5	5	0	0	0	0	0	0	0	0	0	10
AV	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY GLG

CORRECTED DATA

QC Checked 4/1/75 /By: SD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	0	0	5	5
2	0	5	0	5	0	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	5
3	0	5	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	5	0	0	5
4	0	0	0	0	0	0	5	5	5	0	5	5	5	5	5	0	5	5	5	0	0	0	5	5	0	5
5	5	0	0	0	0	5	5	5	5	5	0	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5
6	5	0	5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	5	0	0	0	5	5	0	5	5	5	5	0	5	0	0	0	0	0	0	0	5	5	5	0	0	5
8	0	5	0	0	0	0	0	0	5	MT	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	0	0	0	0	0	5	5	5	0	5	0	0	0	5	10	5	5	5	5	10	10	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	MT	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
21	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CH	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	SE	~~$$$$~~	~~$$$$~~	0	$$$$
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	SE	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CH	~~$$$$~~	0	5	0	5	5	5	5	5	5	5	0	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	5	5
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	0	5	0	0	5	0	0	5	0	5
25	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	5
26	0	0	0	5	0	5	5	5	5	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	5
27	0	0	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5
28	0	5	5	5	5	5	5	5	5	5	5	5	25	25	10	5	5	5	5	5	5	5	5	5	5	25
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	0	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	0	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	5	5	5	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY D. D.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1050	1110	1110	1050	1050	1110	1180	1180	1110	1180	1110	1110	1110	1110	1180
28	1180	1110	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	980	980	980	980	980	980	980	1050	1050	1030	1180
29	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	1050	1050	1050	1050	980	1050	1050	1050	1040	1050
30	1050	1050	980	1050	1050	1050	1110	1050	1050	1110	1050	1050	1050	1050	1110	1050	1110	1110	1180	1110	1110	1110	1110	1110	1080	1180
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	1090	1070	1050	1050	1050	1050	1070	1050	1050	1070	1050	1050	1060	1050	1030	1020	1060	1080	1100	1060	1060	1060	1080	1080	1070	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY G. L. G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1050	1120	1050	990	990	990	1050	1050	1120	1120	1120	1050	1090	1120
2	1050	1120	1120	1050	1120	1050	1120	1120	1120	1120	1180	1120	1120	1050	1120	1050	1050	1050	1120	1120	1120	1120	1050	1120	1100	1180
3	1120	1120	1120	1120	1050	1120	1120	1120	1180	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1120	1180
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1150	1080	1080	1150	1150	1080	1080	1080	1150	1080	1080	1080	1080	1010	1090	1150
6	1080	1080	1150	1150	1150	1150	1220	1150	1080	1010	1010	1010	1010	1010	1010	950	1010	1010	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1070	1220
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1010	1010	1010	1010	1080	1010	1080	1010	1080	1150	1080	1080	1080	1080	1080	1060	1150
10	1080	1150	1080	1150	1080	1080	1150	1150	1080	1150	1150	1080	1080	1080	1080	1080	1080	1080	1080	1150	1150	1150	1150	1150	1110	1150
11	1080	1080	1150	1150	1080	1150	1150	$$$$	1080	810	810	410	140	680	410	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	870	1150
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1010	1010	950	950	950	950	[illegible]	1010	1010	950	1010	1010	950	1010	980	1010
13	1040	1040	1040	1040	550	1180	1180	1180	1040	1040	1040	970	970	1320	970	970	970	970	970	970	970	970	970	1110	1020	1320
14	1050	1050	1050	1050	1120	1050	1050	1050	1050	1050	1120	1050	980	1050	980	1050	1050	700	1050	980	1050	1050	1050	1050	1040	1120
15	970	1040	970	970	1040	1040	1110	1110	1040	1110	1040	1040	1040	1040	970	970	1040	1040	1040	1110	1040	1040	1040	1040	1040	1110
16	1050	1050	1050	1120	1050	1050	1050	$$$$	1050	1120	1050	1050	1050	1120	1120	1050	1120	1120	1120	1120	1050	1050	1050	1050	1080	1120
17	1050	1050	1050	1050	1050	1120	1050	1190	1190	1190	1120	1050	1050	1050	1050	1050	770	980	980	980	1050	1120	1050	1050	1060	1190
18	1050	1050	1120	1050	1050	1050	1050	1050	1050	1120	1050	1050	1050	1050	1050	1050	1120	1050	1120	1120	1120	1050	1050	1050	1070	1120
19	1050	1050	1050	980	1050	1050	1120	1120	$$$$	1050	1050	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1060	1120
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	980	1050	1050	1050	1120	1050	1050	980	980	1040	1120
21	980	980	1050	1050	980	980	1050	980	1050	980	1050	1050	1050	1050	1050	1050	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1030	1050
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1260	1190	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1230	1260
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	980	980	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	980	980
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	1060	1070	1080	1080	1040	1090	1110	1110	1080	1070	1070	1010	980	1050	1000	1020	1030	1020	1070	1060	1070	1070	1050	1060	1060	0

METHANE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/10/75 /By: SO

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1190	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1190	1190
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1190	1190	1190	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1190	1190
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1020	1110	940	850	940	1190	1190	1190	1190	1190	1190	1090	1190
14	1190	1190	1190	1190	1190	1190	1190	1190	1190	1190	1190	940	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1170	1190
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1240	1240	1240	1240	1300	1240	1250	1300
23	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	$$$$	1240	1300	1300	1300	1430	1370	1430	1430	$$$$	$$$$	$$$$	$$$$	$$$$	1250	1430
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	590	980	980	980	910	910	910	910	850	850	910	910	910	910	890	980
25	910	910	980	910	980	910	850	910	910	910	910	780	720	720	650	720	720	720	650	590	590	650	720	650	790	980
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	1090	1090	1110	1090	1110	1090	1070	1090	1090	1120	900	1030	1050	1040	990	1000	960	1000	1070	970	980	1000	1030	1000	1100	0

CORRECTED DATA

QC Checked 4/1/75 By: SO

HYDROCARBONS, METHANE REDUCED (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY D.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	1240	1640	1440	1240	1310	1380	~~$$$$~~	~~$$$$~~	1240	1360	1640
28	1180	1110	1570	1380	1110	1830	1440	1240	1180	1180	1180	920	920	1110	590	520	520	650	720	1110	1180	1310	920	1240	1090	1830
29	1440	1310	1380	1510	1310	1380	1440	1310	1180	1310	1180	1180	1050	1050	980	850	1050	1380	1380	$$$$	1510	$$$$	1440	$$$$	1270	1510
30	1700	1310	1240	1180	1310	1180	1110	1510	1440	1180	1180	980	980	980	1050	1050	980	850	1050	1180	1240	$$$$	1510	1640	1210	1700
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	1440	1240	1400	1350	1240	1460	1330	1350	1270	1220	1180	1030	980	1050	870	920	1050	1080	1100	1200	1330	1310	1290	1380	1230	0

CORRECTED DATA

QC Checked 4/11/75 By:

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY C.L.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	2290	2750	2620	2420	2420	2550	~~$$$$~~	~~$$$$~~	2360	2490	2750
28	2360	2230	2650	2420	2160	2880	2490	2290	2230	2230	2230	1960	2030	2100	1570	1510	1510	1640	1700	2100	2160	2290	1960	2290	2130	2880
29	2490	2360	2420	2550	2360	2420	2490	2360	2230	2360	2230	2230	2100	2100	1960	1830	2100	2420	2420	~~$$$$~~	2490	~~$$$$~~	2490	~~$$$$~~	2300	2550
30	2750	2360	2360	2230	2360	2230	2230	2550	2490	2290	2230	2230	2030	2030	2160	2100	2100	2290	2230	2290	2360	~~$$$$~~	2620	2620	2310	2750
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	2530	2310	2490	2400	2290	2510	2400	2400	2310	2290	2230	2140	2050	2070	1900	1930	2110	2240	2190	2270	2390	2290	2360	2420	2310	0

CORRECTED DATA

QC Checked 4/1/75 By: SO

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2700	2630	2770	2840	2840	2700	3170	2770	2570	2770	2630	2430	2430	2360	2160	2360	2300	2430	2300	2630	2970	2630	2970	2770	2630	3170
2	3170	2970	2700	2770	2630	2570	2570	2630	2840	2360	2430	2300	2160	2230	2360	2360	2160	2570	2630	2570	2700	2700	2700	3920	2620	3920
3	2700	2840	2570	2770	2630	2570	2840	2770	2570	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2690	2840
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2970	3310	2500	2840	2630	2570	2360	2770	2700	2500	2500	2430	2430	2360	2630	3310
6	2570	2700	2700	2900	2840	2970	2770	2840	2500	2770	2030	2030	2030	1960	2030	2160	2090	2030	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2440	2970
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2360	2300	2430	2230	2360	2430	2360	2360	2570	2570	2840	3040	2840	2900	2570	2540	3040
10	2570	2630	2570	2500	2770	2970	2840	2840	2630	2570	2630	2300	2430	2360	2570	2230	2500	2570	2630	2500	2840	2900	2840	2700	2620	2970
11	2430	2570	2840	2770	2840	2900	2700	$$$$	2630	2700	2770	2300	2700	2570	2300	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2640	2900
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1890	2160	2160	1890	2030	2090	2160	2030	2570	2500	2840	2500	2500	2430	2270	2840
13	2840	2630	2700	2360	2230	2300	2770	2700	2160	2700	2030	1960	1820	1620	1820	1760	1690	1820	1960	2030	2090	2430	2700	2900	2250	2900
14	2700	2900	2840	2840	2900	3040	2630	2360	2570	2570	2430	2230	2090	2500	2160	2230	2230	2360	2630	2700	2430	2360	2500	2430	2530	3040
15	2600	2390	2330	2390	2740	2390	2740	2670	2330	2390	2260	2120	2120	2120	2870	2390	2190	2390	2670	2530	2530	2600	2600	2600	2460	2870
16	2530	2460	2460	2390	2330	2390	2390	$$$$	2050	3490	2330	2120	2330	2600	2260	2260	2940	2870	2800	2740	2460	2670	2670	2740	2530	3490
17	2740	3420	2800	3350	2800	2800	3280	3280	2800	2600	2460	2390	1980	1710	2260	2190	1710	1910	1980	2260	3210	2740	2800	3350	2620	3420
18	2740	2670	2670	2870	2600	2460	2260	2460	2870	2460	2530	2670	1850	2330	2530	2600	2870	2460	2740	2740	2670	2600	2530	2330	2560	2870
19	2600	2740	2740	2800	2740	2330	2600	2670	$$$$	2330	1980	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2550	2800
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1850	1910	1710	1710	1780	1640	1640	1440	1640	1700	1910
21	1440	1440	1500	1640	1500	1710	1370	1440	1570	1500	1850	1570	1710	1570	1640	2050	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1590	2050
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2260	2330	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2290	2330
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1850	1640	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1740	1850
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	2590	2640	2580	2660	2600	2580	2640	2620	2420	2470	2340	2290	2170	2200	2270	2230	2250	2320	2450	2480	2610	2540	2580	2670	2400	0

QC Checked 4/11/75 By: SO

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

CORRECTED DATA

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	1980	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1980	1980
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1610	1610	1690	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1640	1690
4	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
6	~~$$$$~~	~~$$$$~~	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
7	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
8	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
9	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
11	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
12	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
13	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1100	1250	810	880	1100	1320	1320	1320	1320	1390	1320	1190	1390
14	1320	1320	1320	1390	1320	1390	1390	1320	1540	1760	1830	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1450	1830
15	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
16	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
17	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
18	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
19	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
20	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
21	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	0	$$$$
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	1430	1430	1500	1500	1500	1370	1460	1500
23	1370	1300	1370	1370	1370	1300	1300	1370	1370	1370	CAL	1300	1370	1370	1430	1560	1430	1630	1630	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	1400	1630
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	1170	1430	1300	1170	1300	1110	1110	1110	1170	1110	1110	1170	1170	1170	1190	1430
25	1240	1170	1240	1240	1240	1240	1240	1240	1170	1370	1430	1110	1040	1040	1040	1110	1110	1110	1110	1110	1170	1170	1110	1170	1180	1430
26	1110	1170	1110	1170	1040	1040	1110	1170	1240	1170	1300	1110	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1150	1300
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CAL	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1170	1170	1300	1300	1170	1170	1110	1110	1110	1170	1300	1240	1170	1170	1240	1190	1300
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1240	1240	1170	1170	980	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	1160	1240
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1240	1300	1370	1300	1430	1370	1300	1300	1110	1370	1370	1320	1430
AV	1260	1240	1260	1290	1240	1240	1260	1280	1330	1470	1380	1310	1330	1250	1250	1190	1160	1240	1270	1260	1270	1240	1290	1270	1360	0

CORRECTED DATA

QC Checked 4/1/75 By: SO

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

STTE A 3

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY CL

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	CAL	>	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CAL	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
27	(~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	CAL	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~)	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~)	.0	$$$$
28	LI	1.3	$$$$	$$$$	$$$$	LI	~~$$$$~~	~~$$$$~~)	1.7	1.4	1.5	(~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~)	.3	.3	.5	(~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~)	1.0	1.7
29	(~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	(~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~)	1.4	1.3	1.3	(~~$$$$~~	~~$$$$~~	LI	~~$$$$~~	~~$$$$~~)	1.4	1.4
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	.0	1.3	.0	.0	.0	.0	.0	.0	1.7	1.4	1.5	.0	.0	.0	.0	.0	.9	.8	.9	.0	.0	.0	.0	.0	1.2	.0

CORRECTED DATA

QC Checked ____ /By: ____

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY G. G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	LI $$$$	2.9	3.2	LI $$$$	4.5	3.5	LI $$$$	$$$$	3.6	LI $$$$	$$$$	2.5	2.1	3.0	2.2	2.6	2.4	1.7	2.3	LI $$$$	$$$$	3.5	LI $$$$	$$$$	2.9	4.5
2	$$$$	$$$$	2.9	$$$$	2.7	3.1	2.8	2.3	$$$$	$$$$	2.9	2.2	2.9	1.6	2.2	1.9	1.2	2.2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.4	3.1
3	3.3	$$$$	2.4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.8	3.3
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.2	3.9	3.0	2.1	3.0	2.8	2.7	4.2	$$$$	$$$$					3.0	4.2
6	2.7	$$$$	$$$$	3.3	$$$$	$$$$	$$$$	$$$$	3.6	3.6	1.9	1.7	2.6	2.8	2.4	2.8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.8	3.6
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.2	2.7	2.8	3.0	3.3	3.3	2.3	2.7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.9	3.3
10	1.9	3.6	3.9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.8	2.2	2.2	2.3	$$$$	2.3	$$$$	4.4	2.7	2.8	$$$$	$$$$	$$$$	$$$$	2.8	4.4
11	$$$$	3.1	3.9	3.3	$$$$	$$$$	$$$$	$$$$	2.8	$$$$	4.0	2.2	3.1	2.6	4.4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.3	4.4
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.7	3.3	3.7	2.8	3.6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.2	3.6	4.2
13	3.7	3.4	3.8	3.7	3.4	2.0	$$$$	$$$$	2.0	3.3	2.0	2.0	2.3	1.9	1.7	2.0	1.7	1.7	1.7	2.3	1.6	1.7	$$$$	$$$$	2.4	3.8
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.2	$$$$	$$$$	4.7	3.5	2.1	2.9	2.7	$$$$	$$$$	$$$$	$$$$	$$$$	3.8	$$$$	4.3	2.7	3.4	4.7
15	3.8	2.1	2.7	2.3	$$$$	4.3	$$$$	$$$$	3.2	3.4	3.8	2.7	3.8	$$$$	$$$$	$$$$	2.0	3.1	3.4	$$$$	3.4	$$$$	$$$$	$$$$	3.1	4.3
16	$$$$	$$$$	$$$$	2.1	2.0	3.5	2.4	$$$$	2.4	$$$$	$$$$	3.1	2.8	2.2	2.8	2.5	3.9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.7	3.9
17	3.2	4.1	$$$$	$$$$	$$$$	4.0	$$$$	$$$$	3.5	2.2	1.8	1.5	1.9	1.4	1.9	2.6	1.4	1.4	1.8	1.6	$$$$	$$$$	3.3	$$$$	2.3	4.1
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.3	3.5	2.9	3.4	3.2	3.2	2.7		$$$$ I	~~1.4~~	2.3	$$$$	$$$$	$$$$	$$$$	3.5	1.9	2.8	3.5
19	2.5	$$$$	$$$$	4.2	4.3	4.4	3.9	$$$$	$$$$	$$$$	3.3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.8	4.4
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	3.0	3.2	3.3	3.2	3.4	3.5	3.0	2.9	3.1	3.1	3.0	2.6	2.7	2.4	2.7	2.4	2.2	2.6	2.4	2.2	2.9	2.6	3.7	3.0	2.9	.0

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.L.G.

QC Checked 4/11/75 /B/ By: SD

CORRECTED DATA

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	—	4.1	4.3	3.8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.1	4.3
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1.4	3.5	1.9	.9	1.9	2.6	2.9	2.8	3.3	3.8	3.3	2.6	3.8
14	2.9	3.3	3.3	3.8	3.5	4.5	3.8	3.1	3.3	2.4	3.8	5.2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.6	5.2
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.9	3.3	4.0	3.7	4.2	3.9	3.8	4.2
23	$$$$	3.9	3.9	$$$$	3.6	3.3	2.9	2.8	2.8	2.2	$$$$	1.1	.7	1.5	.8	.9	1.3	1.7	1.5	$$$$	$$$$	$$$$	$$$$	$$$$	2.2	3.9
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
25	.2	.3	.2	.3	.2	.3	.3	.4	.2	.7	.4	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.7
26	.1	.1	.1	.2	.0	.1	.1	.1	.2	.1	.1	.1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.1	.2
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	.0	.0	.0	.0	$$$$	$$$$	$$$$	$$$$	$$$$	.0	.0
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.9	.5	2.9
AV	1.1	1.9	1.9	1.5	1.8	2.0	1.8	1.6	1.6	1.1	1.4	1.5	1.0	1.0	.7	.4	.3	.5	1.0	1.1	1.2	1.2	1.8	1.7	1.7	.0

CORRECTED DATA

QC Checked 4/11/75 By: SD

OXIDES OF NITROGEN (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.L.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$		10	10	20	20	20	20	20	10	20	20	20	20	30	190
24	20	20	10	20	20	20	20	10	30	$$$$	20	50	30	20	20	20	20	20	20	20	10	10	10	10	20	50
25	20	10	20	10	20	20	20	20	10	50	30	20	20	20	20	20	20	20	20	20	20	10	10	10	20	50
26	20	20	10	20	10	10	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
27	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	10	10	10	10	10	10	10	20	10	10	20
28	30	10	10	20	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	30
29	10	10	10	20	10	20	10	10	20	20	20	40	30	40	40	70	10	10	10	20	10	20	20	20	20	70
30	10	20	20	20	10	20	20	20	20	20	20	30	20	20	10	20	20	20	20	20	50	10	10	10	20	50
31	30	10	10	10	10	10	10	20	10	20	30	10	10	30	10	20	20	30	30	20	20	20	20	20	20	30
AV	20	10	10	10	10	10	10	10	20	20	20	40	20	20	20	20	20	20	20	20	20	10	10	10	20	0

CORRECTED DATA

QC Checked 4/11/75 By: CP

NITROGEN OXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.L.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	20	$$$$	10	20	20	10	10	10	10	10	10	10	10	0	10	10	10	20
25	10	10	10	10	10	10	10	10	10	30	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30
26	10	10	10	10	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
27	0	10	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	10	0	0	0	10	10	10	10
28	10	10	10	10	0	0	0	0	10	0	0	10	10	10	0	0	0	0	0	0	0	0	0	0	10	10
29	0	0	0	10	10	10	10	10	10	10	10	20	20	20	20	40	0	10	0	10	10	10	10	10	10	40
30	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30	0	0	0	10	30
31	20	10	0	0	0	10	0	10	10	10	20	0	10	20	10	10	10	20	20	10	10	10	10	10	10	20
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0

CORRECTED DATA

QC Checked 4/10/75 By: SO

OZONE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY C.L

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	----	~~$$$$~~	$$$$	$$$$	$$$$	110	150	170	190	200	180	150	150	140	110	140	120	130	150	200
28	150	150	130	140	150	130	120	120	150	160	160	190	190	230	220	230	230	200	200	180	180	180	190	160	170	230
29	140	140	130	130	120	110	120	130	130	150	170	30	30	230	240	230	220	180	150	160	160	130	100	130	140	240
30	110	110	130	120	120	110	110	100	100	90	130	140	150	170	180	200	210	170	180	180	160	120	100	100	140	210
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	130	130	130	130	130	110	110	120	130	130	150	120	130	200	210	210	210	180	170	170	150	140	130	130	150	0

OZONE (MICROGRAMS/CU. METER)

QC Checked 4/10/75 By: SO

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	90	100	90	90	80	80	70	80	90	80	100	120	140	170	200	200	210	220	170	150	150	140	110	100	130	220
2	100	100	100	100	100	90	90	90	90	80	80	100	120	150	190	200	200	190	160	150	160	140	120	90	130	200
3	90	80	80	80	70	90	70	70	80	$$$$	80	110	160	200	190	190	180	150	130	120	110	110	100	90	110	200
4	90	80	80	70	80	70	70	70	60	90	140	140	170	180	170	170	160	150	160	130	130	100	100	100	110	180
5	90	80	80	90	90	80	80	80	70	110	80	110	140	130	150	150	150	120	110	120	110	110	120	110	110	150
6	90	100	90	120	120	120	110	80	100	150	190	200	200	210	220	210	190	160	140	130	120	90	90	90	140	220
7	80	80	70	60	60	50	60	50	60	80	90	130	150	150	140	210	220	200	210	190	190	190	170	150	130	220
8	150	130	140	130	120	120	110	100	110	120	160	180	190	200	210	220	200	160	150	140	130	120	120	120	150	220
9	120	110	110	110	90	90	100	100	$$$$	90	120	150	150	160	170	180	180	140	140	130	120	110	90	90	120	180
10	90	100	90	90	90	80	70	80	80	80	90	110	140	160	170	190	150	150	150	150	110	110	110	100	110	190
11	100	100	90	90	70	60	80	$$$$	70	90	110	130	120	150	160	170	150	110	110	120	120	120	80	80	110	170
12	90	70	80	90	70	90	110	120	120	110	120	150	210	230	230	220	200	180	150	150	140	130	130	120	140	230
13	130	120	100	100	110	120	120	110	160	150	190	220	240	240	240	230	230	230	220	220	210	200	170	130	170	240
14	160	150	170	150	160	170	150	150	160	160	170	200	230	230	230	210	180	170	170	180	190	180	190	190	180	230
15	180	190	190	170	140	150	140	170	150	150	170	210	220	220	200	200	190	180	180	170	150	140	140	140	170	220
16	150	140	150	150	150	170	160	$$$$	170	170	180	190	170	170	180	170	150	130	130	120	120	110	110	110	150	190
17	110	100	100	90	100	80	60	70	90	80	100	150	140	140	160	190	230	220	220	190	160	150	150	130	130	230
18	120	120	120	110	120	120	120	140	130	110	140	150	180	190	170	170	140	140	130	140	130	140	140	160	140	190
19	120	110	120	130	110	150	140	120	$$$$	150	200	$$$$	$$$$	$$$$	260	260	$$$$	$$$$	$$$$	220	210	210	190	190	170	260
20	190	180	190	190	170	160	170	170	170	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	140	160	160	130	120	130	120	160	110	160	190
21	140	120	120	130	120	120	110	140	120	140	100	90	110	130	140	140	210	210	200	200	210	200	200	200	150	210
22	220	240	250	250	240	230	220	220	210	220	230	240	240	240	250	240	240	230	230	220	210	210	200	170	230	250
23	170	150	130	130	120	110	110	100	90	100	$$$$	160	180	210	200	200	210	200	190	180	180	180	180	180	160	210
24	170	180	170	180	160	150	150	150	$$$$	140	150	150	190	210	210	210	200	200	190	180	170	150	140	150	170	210
25	140	120	110	120	110	100	100	90	80	110	120	130	150	180	200	200	200	190	190	170	150	130	140	140	140	200
26	120	120	110	100	100	100	90	90	70	100	140	150	170	180	180	220	210	200	190	180	170	120	140	140	140	220
27	130	120	130	120	110	120	90	90	70	80	90	100	120	160	170	160	170	150	140	130	120	120	110	110	120	170
28	100	100	80	90	110	80	80	70	60	70	80	100	100	110	150	180	180	180	160	140	140	100	110	100	110	180
29	90	90	80	90	90	100	80	70	90	100	120	150	170	160	170	170	170	150	140	150	150	140	130	130	120	170
30	120	120	100	110	110	140	140	120	110	110	120	170	190	210	210	210	210	210	190	170	160	150	140	130	150	210
31	130	120	120	100	90	90	90	110	100	110	110	$$$$	160	190	200	200	190	200	190	190	160	160	150	150	140	200
AV	120	120	120	120	110	110	110	110	110	110	130	150	170	180	190	190	190	180	170	160	150	140	140	130	140	0

OZONE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

QC Checked 4/10/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	150	140	140	130	130	110	110	100	110	100	110	130	140	170	190	180	170	170	170	150	130	120	120	130	140	190
2	110	110	100	110	110	120	100	90	90	100	100	110	130	160	180	190	190	180	180	170	150	150	160	160	140	190
3	150	140	140	140	130	110	110	110	110	110	120	140	160	170	180	190	180	180	170	160	150	140	130	130	140	190
4	110	100	100	100	100	90	100	90	80	100	100	110	150	140	150	160	160	140	150	130	140	130	120	140	120	160
5	150	130	140	140	130	120	140	130	120	120	110	120	140	170	170	170	160	160	180	170	180	160	160	150	150	180
6	160	160	160	150	110	110	120	110	100	100	110	130	120	130	140	170	180	170	170	160	150	150	140	120	140	180
7	120	110	110	110	100	90	120	120	100	110	130	160	170	170	180	180	170	170	170	160	160	160	150	140	140	180
8	130	120	120	110	100	110	130	140	160	$$$$	130	130	110	120	130	150	140	120	130	130	120	120	100	130	120	160
9	150	150	140	150	140	140	140	140	130	130	130	150	160	160	160	150	150	160	160	160	160	160	160	150	150	160
10	140	140	130	130	130	130	130	130	130	110	110	120	120	120	130	150	150	150	160	140	140	130	130	120	130	160
11	110	110	110	110	100	90	90	100	90	90	100	120	140	150	150	160	160	160	150	150	150	150	150	150	130	160
12	130	140	140	140	140	130	120	120	110	110	120	130	130	150	150	150	150	140	140	140	140	130	130	130	130	150
13	130	120	120	110	110	110	100	100	100	100	110	110	130	150	150	160	160	160	160	140	140	130	130	120	130	160
14	120	110	110	100	100	90	90	90	90	90	90	100	140	150	160	160	160	150	150	140	140	130	130	120	120	160
15	120	110	100	100	90	90	80	80	80	80	80	90	110	140	160	$$$$	140	140	150	150	140	140	140	140	120	160
16	130	120	110	110	100	90	80	90	80	90	80	100	110	120	130	140	140	140	130	140	140	140	130	130	120	140
17.	110	110	110	100	90	90	90	90	90	90	90	100	110	130	140	150	140	140	130	130	140	140	140	120	110	150
18	120	100	90	80	80	70	70	70	70	70	80	90	100	120	140	140	140	130	120	120	110	100	110	100	100	140
19	90	80	80	80	90	90	80	70	70	70	70	80	90	100	110	110	110	110	100	90	80	80	80	80	90	110
20	80	70	60	60	60	60	50	50	50	50	60	70	80	100	20	20	100	90	80	90	80	80	100	100	70	100
21	90	90	90	90	100	100	100	100	90	90	100	100	100	100	100	100	100	100	90	90	90	80	80	70	90	100
22	120	190	180	180	180	160	160	140	140	150	150	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	80	80	80	80	70	70	70	130	190
23	60	60	60	50	50	60	50	50	60	60	60	70	80	90	100	110	100	100	90	90	90	80	70	70	70	110
24	70	70	70	60	60	60	60	60	60	$$$$	60	70	80	100	100	100	100	90	80	80	80	70	70	70	80	100
25	60	60	60	50	50	50	50	50	60	60	60	70	80	80	80	80	80	80	80	90	60	70	70	70	70	90
26	60	60	70	70	70	70	60	70	60	70	70	90	90	100	100	100	100	100	100	90	80	80	80	90	80	100
27	80	80	90	100	70	70	70	90	100	100	100	100	100	100	100	100	100	100	90	100	90	90	80	80	90	100
28	80	80	80	70	70	80	70	70	70	80	90	100	100	100	100	100	100	110	100	100	100	100	90	90	90	110
29	90	90	90	80	80	80	80	80	70	70	80	80	90	100	110	110	110	110	110	100	100	100	90	90	90	110
30	90	80	80	80	80	70	70	70	80	80	90	100	110	110	120	120	120	120	110	120	110	120	120	110	100	120
31	110	110	110	110	100	100	100	100	100	100	90	110	120	120	130	130	130	120	110	110	110	110	110	110	110	130
AV	110	110	110	100	100	90	90	90	90	90	100	100	120	130	130	130	140	130	130	120	120	120	110	110	110	0

STATION A-4

WIND SPEED - 10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 4

AEROVIRONMENT INC.

REPORT PREPARED BY 66

QC Checked 4/3/75 By: 80

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.5	5.5	4.5	4.0	3.5	3.0	2.0	4.5	4.0	3.0	3.0	5.5	3.5	4.5	4.0	5.5
22	3.5	2.0	5.0	4.5	4.0	2.0	4.0	3.5	5.0	3.0	4.5	7.0	6.5	5.0	11.5	8.5	5.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5.0	11.5
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	3.5	2.5	3.0	3.5	7.0	9.0	8.5	5.5	2.5	1.0	4.5	9.0
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	3.5	2.0	5.0	4.5	4.0	2.0	4.0	3.5	5.0	3.0	4.0	6.0	5.5	4.5	6.0	4.5	3.5	4.0	5.5	6.0	5.5	5.5	3.0	2.5		

Entered

UNCORRECTED DATA

Checked 3-28-74 By: D.G.

STATION WIND SPEED (MPH)
10 m

DATA FOR MONTH OF Dec 1974 STATION NUMBER A4
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6												PF																
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14										PF							3.5	6.0	8.0	10.0	7.0	8.5	4.5	7.5				
15	8.0	9.5	5.0	3.5	3.0	2.5	3.5	4.0	4.0	3.0	3.0	4.5	3.5	4.0	3.5	2.0	1.5	3.5	2.0	4.0	6.0	7.0	6.5	5.0				
16	7.0	4.0	5.5	6.5	8.0	8.5	6.5	8.0	8.5	5.5	4.5	5.5	1.0	3.0	3.0	3.0	2.0	1.5	3.0	1.5	7.0	6.5	3.0	5.5				
17	7.5	6.5	3.0	2.0	3.5	3.5	2.5	3.0	4.5	4.0	4.0	8.0	2.0	(-	-	-	-	-	1m	-	-	-	-	→				
18	(		-	-		-	-	-	-	-	-	-	1m	-	-	-	-	-	-	-	-	-	-	→				
19	(		-			-	-			-	-		1m	-	-	-	-	-	-	-	-	-	-	→				
20	(			-			-	-	1m	-	-			-	-	-	-	-	→	3.0	3.5	5.0	3.5	1.0				
21	4.5	5.0	3.0	5.5	7.0	8.5	10.5	10.0	11.5	8.0	5.0	5.0	5.5	5.0	7.0	9.5	9.5	11.5	8.5	9.5	16.0	18.0	11.5	17.5				
22	22.0	24.5	33.5	23.0	19.5	15.5	10.5	15.0	3.0	7.0	13.0	14.0	8.0	18.5	17.5	16.0	14.0	10.0	10.5	8.5	6.5	7.5	3.0	.5				
23	1.5	0	1.5	.5	0	1.5	3.0	2.5	3.0	[illegible]	3.5	3.0	3.0	6.0	7.0	8.0	10.5	11.0	11.0	8.5	8.5	7.0	1.5	2.5				
24	3.0	4.5	5.5	5.5	4.0	7.0	10.0	6.0	4.5	4.0	4.5	3.0	4.5	4.0	3.5	3.0	3.0	2.0	1.0	6.5	3.0	2.0	4.5	1.5				
25	0	2.5	1.0	0	1.0	.5	.5	0	0	0	2.0	4.0	3.5	3.5	3.5	3.0	3.0	2.5	1.0	0	2.0	1.0	6.5	4.5				
26	7.5	5.0	3.0	1.5	3.0	2.5	1.0	2.5	4.0	2.5	4.0	3.5	4.0	4.5	2.5	2.5	5.5	5.0	5.0	7.0	9.0	11.0	4.5	1.5				
27	2.0	3.0	2.5	4.5	5.0	2.0	3.0	1.5	3.5	3.0	5.0	4.5	1.5	1.0	4.5	1.5	1.5	3.0	5.0	3.5	3.5	1.5	1.5	1.5				
28	1.0	2.0	3.0	2.0	4.0	1.0	2.0	1.5	2.0	3.0	3.5	2.0	2.5	2.0	2.5	2.5	1.5	.5	2.0	1.0	1.0	1.5	1.0	1.0				
29	2.0	2.0	2.0	1.0	2.0	2.5	2.0	1.5	1.0	2.0	2.0	1.5	3.0	.5	1.5	2.2	2.0	.5	.5	0	0	0	1.0	2.5				
30	2.0	3.5	2.0	3.0	1.5	5.0	2.5	2.0	2.5	1.5	3.5	1.0	2.0	2.5	2.5	3.5	3.5	3.5	2.0	3.0	2.0	3.0	1.0	1.0				
31	1.5	2.0	2.0	2.0	4.0	1.0	1.0	.5	0	3.0	3.5	2.0	2.5	3.0	2.5	3.0	4.0	2.5	.5	2.5	2.0	3.0	2.0	3.0				
Average																												

High values Double ck

UNCORRECTED DATA

QC Checked 4/3/75 By:

STATION WIND SPEED (MPH)
10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A 4
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1	2.0	6.5	4.5	1.5	5.0	2.0	3.5	2.0	2.0	3.0	2.5	3.0	2.5	2.0	3.0	3.0	1.5	1.5	1.0	3.5	3.5	4.0	2.0	8.0				
2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.5	3.0	5.0	3.0	1.5	1.5	3.0	5.5	4.5	4.0	6.5	7.0	5.5	2.0	4.5	5.5				
3	9.5	7.5	10.5	5.5	6.5	4.5	2.0	1.5	2.0	3.0	2.0	3.0	2.5	3.5	3.0	4.5	3.5	3.0	3.0	3.5	6.5	3.0	3.0	3.0				
4	1.0	2.0	1.5	2.0	3.0	2.0	1.5	3.0	3.0	3.0	3.5	4.5	6.0	6.0	4.5	5.0	3.5	1.5	3.5	4.5	6.5	5.0	4.0	6.0				
5	9.5	3.5	4.5	4.5	4.5	5.5	7.0	7.5	5.5	7.5	2.0	2.0	2.0	3.5	3.5	3.0	3.5	7.5	7.5	5.5	4.5	1.5	2.0	3.0				
6	4.5	5.0	3.0	3.0	2.0	1.0	2.5	3.0	2.5	2.0	4.5	2.5	3.0	5.0	9.0	8.0	7.5	8.0	7.5	3.5	3.0	1.0	0.5	2.0				
7	2.0	2.0	3.0	1.5	3.5	3.5	6.0	3.5	2.0	4.0	3.5	9.0	9.0	17.0	14.0	7.0	5.0	6.0	8.0	4.5	8.0	8.5	10.0	7.0				
8	7.5	3.0	6.0	3.5	6.0	3.0	12.5	8.5	8.0	11.0	9.5	12.5	4.5	6.0	10.0	8.0	3.5	5.0	5.0	4.5	3.5	2.0	4.5	12.0				
9	11.0	6.5	3.5	3.0	3.0	3.0	3.5	3.0	2.0	3.5	4.0	4.5	5.5	5.5	2.0	1.0	5.5	6.0	8.0	10.5	7.0	9.0	7.5	6.0				
10	9.0	12.5	5.0	5.0	3.5	5.5	4.5	5.5	6.0	3.0	2.0	3.5	3.0	1.5	2.0	3.0	3.0	3.5	4.0	1.5	1.5	3.0	2.5	2.0				
11	4.0	3.5	4.0	1.5	3.5	5.5	5.5	4.5	3.0	3.0	3.0	8.0	10.0	12.0	10.0	9.0	6.0	3.5	3.5	3.0	5.5	7.5	[illegible]	4.5				
12	7.0	8.0	10.5	10.5	9.0	9.0	7.5	6.5	MT	2.0	2.0	3.5	3.0	5.5	2.5	3.5	5.5	3.5	2.0	1.0	3.0	1.5	2.0	1.5				
13	0	0	3.0	2.5	1.5	2.5	0.5	4.0	3.5	3.5	3.5	2.5	3.5	3.5	5.0	6.0	4.5	3.5	1.5	6.0	5.5	3.5	3.0	3.5				
14	2.0	3.0	2.0	2.5	2.0	2.5	2.0	3.5	2.0	3.5	3.0	3.5	3.5	3.5	2.5	2.5	1.0	0	1.0	0	1.5	3.5	2.5	3.5				
15	2.0	0.5	0.5	1.0	1.5	2.0	2.0	3.0	3.0	0.5	1.5	1.5	2.5	2.0	2.0	2.0	3.5	1.5	3.5	2.0	5.5	3.0	1.0	2.5				
16	1.5	2.0	2.0	2.0	2.5	3.0	2.5	2.5	3.0	2.0	3.0	4.0	3.5	3.0	3.0	3.5	3.0	3.5	3.0	5.5	4.5	3.5	3.0	3.0				
17	3.0	6.5	4.0	5.5	5.5	5.5	5.5	4.5	8.0	4.5	4.0	2.0	2.5	3.0	2.5	2.5	3.0	3.5	3.5	3.0	3.5	5.0	3.5	2.5				
18	3.0	1.5	3.5	2.0	2.5	2.0	2.0	5.5	3.5	3.5	5.0	3.5	4.5	3.0	4.5	10.5	6.0	7.0	4.5	6.0	2.0	2.0	3.5	3.0				
19	6.0	6.0	8.0	10.5	11.0	10.0	8.0	4.5	3.0	1.0	4.0	3.0	3.0	2.0	4.5	5.5	3.0	1.0	2.0	1.5	3.0	3.0	3.5	1.5				
20	1.0	2.0	3.5	1.5	3.5	2.0	3.0	4.5	5.0	3.5	3.5	6.0	4.5	5.0	4.5	3.5	3.0	2.5	4.5	10.5	15.0	13.0	20.0	17.0				
21	15.0	14.0	15.5	12.5	12.5	14.5	9.0	15.5	MT	11.0	12.0	11.0	15.0	17.0	14.0	11.0	5.5	3.0	4.5	5.5	7.5	7.0	4.5	8.5				
22	9.5	12.5	10.5	9.0	9.0	5.0	6.5	2.5	1.5	1.0	3.0	3.5	4.5	3.0	3.5	3.0	4.0	2.5	1.0	4.0	2.0	1.5	0	3.5				
23	3.0	3.5	3.5	3.0	2.5	6.0	4.5	3.0	3.0	3.5	2.5	1.0	3.5	3.5	3.5	6.5	4.5	3.5	3.0	3.5	3.5	4.5	3.0	3.0				
24	3.5	3.5	3.0	4.5	4.5	4.5	3.0	3.5	10.5	12.0	4.5	9.0	11.0	9.0	9.0	9.0	8.0	3.0	4.0	3.0	8.0	8.0	3.5	10.5				
25	5.5	1.5	2.0	8.5	8.5	12.0	12.5	14.5	14.0	11.5	12.0	MT	12.5	13.5	15.5	15.5	6.5	1.5	6.0	3.0	10.0	12.5	12.5	12.5				
26	14.0	13.5	12.0	12.5	1.5	8.5	4.5	3.0	2.5	3.0	17.0	12.0	14.0	14.0	20.0	19.5	16.5	12.0	10.5	14.0	12.0	6.0	5.0	5.5				
27	3.0	5.0	6.5	1.5	0	2.0	8.0	7.5	5.5	4.5	3.5	3.0	3.5	6.0	5.0	3.5	5.5	6.0	4.5	3.5	3.0	3.0	[illegible]	3.0				
28	[illegible]	1.5	3.5	[illegible]	[illegible]	3.0	5.5	3.0	3.5	9.0	6.0	6.0	6.0	11.5	19.0	18.5	17.0	12.5	←—	——	RF	—		→				
29	<					RF	—	—	—	>	1.5	0	2.0	3.0	2.0	1.5	0	0	2.0	2.0	1.5	←	RF	→				
30	<—	—	—			RF			—	—	>	4.5	3.0	2.0	2.5	3.5	2.5	2.5	1.5	2.0	3.5	3.5	4.5	2.0				
31	4.0	3.5	6.0	1.5	1.5	3.5	3.0	2.0	1.0	1.0	3.5	[illegible]	MT	3.0	3.0	[illegible]	[illegible]	[illegible]	2.5	2.0	3.5	3.5	4.0	3.0				
Average																												

WIND DIRECTION -10m

DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 4

QC Checked 4/5/75 By: SO

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
12	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
13	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
14	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
15	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
16	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
17	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
18	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
19	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
20	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
21	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ >T	$$$ ->	345	90	60	350	15	75	50	65	55	15	0	355	45	70	4	
22	50	15	315	35	20	345	70	50	60	350	80	80	90	330	20	75	70	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	4	
23	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	299	340	315	299	300	285	270	260	240	155	14	
24	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
25	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
26	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
27	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
28	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
29	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
30	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
31	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
PV	3	2	15	3	2	16	4	3	4	1	5	5	4	1	2	4	3	4	3	2	2	1	3	4		

entered AR.

CORRECTED DATA

QC Checked 4/18/75 By: [illegible]

STATION WIND DIRECTION 10m
(Deg)

DATA FOR MONTH OF Jan 1975 STATION NUMBER H4
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.R.

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avc	PEAK	TIME	
1	115	125	210	105	135	75	120	255	115	75	50	270	255	75	75	60	165	75	270	245	255	245	135	130				
2	240	165	120	110	120	110	135	135	150	210	265	280	135	255	85	110	120	120	125	125	230	[illegible]	120	135				
3	135	125	130	135	120	230	135	210	150	240	255	255	215	45	180	255	240	110	120	105	120	225	245	245				
4	75	230	105	255	240	150	120	240	235	255	260	265	120	265	95	120	270	240	225	240	120	130	180	145				
5	130	150	130	120	105	140	145	135	170	205	240	40	240	40	270	70	75	175	150	195	195	230	255	180				
6	175	180	165	165	255	240	255	225	85	65	45	50	255	150	165	175	180	265	200	255	240	195	150	70				
7	60	60	235	240	240	225	110	240	240	240	165	260	270	265	235	270	250	225	225	195	130	135	135	140				
8	140	215	225	225	195	150	150	170	180	195	200	225	260	180	210	250	105	255	210	245	125	195	255	240				
9	225	210	245	125	210	200	210	195	250	210	230	260	255	255	235	195	255	260	250	230	255	240	220	175				
10	220	230	235	130	155	120	145	130	130	125	280	255	275	55	235	240	165	240	240	115	225	150	165	165				
11	180	90	105	165	230	205	225	180	150	240	210	255	255	265	270	280	270	210	270	220	120	55	70	90				
12	115	135	125	130	120	115	120	120	MT	240	60	60	195	290	195	270	250	210	195	75	240	105	225	225				
13	135	110	120	65	240	255	165	135	250	225	255	165	60	240	270	260	270	165	240	240	120	270	90	95				
14	240	255	250	250	120	240	90	165	240	255	255	270	270	270	270	285	245	150	105	245	240	240	250	85				
15	255	230	240	165	135	205	205	245	250	235	55	270	75	45	40	260	250	240	125	225	230	240	150	240				
16	240	210	260	150	255	75	225	160	220	225	50	265	240	265	250	295	135	240	195	240	80	240	110	140				
17	90	115	240	120	120	130	235	130	150	240	260	225	250	270	260	265	240	240	105	250	210	180	225	195				
18	110	70	75	50	65	130	250	130	225	75	70	165	195	55	245	255	255	110	215	130	120	280	255	85				
19	115	120	125	135	120	120	120	150	120	60	225	255	255	180	270	270	270	225	240	75	130	120	225	135				
20	75	105	120	105	120	135	85	120	235	240	70	115	225	250	255	250	240	105	225	230	235	230	240	230				
21	230	260	255	210	45	40	50	50	MT	45	30	120	30	55	30	35	45	250	120	130	115	105	120	130				
22	135	135	140	125	130	130	150	50	165	60	270	270	270	255	265	50	265	225	235	130	270	205	105	240				
23	135	135	135	165	190	195	90	210	260	240	255	75	235	260	255	270	255	225	135	135	255	235	[illegible]	135				
24	135	255	75	105	105	105	210	190	225	235	260	270	270	270	270	275	270	270	270	150	235	250	240	255				
25	225	75	225	230	225	235	235	230	235	230	230	240	265	265	255	265	285	210	210	210	195	180	130	190				
26	175	175	170	180	175	190	215	280	240	270	210	210	210	220	235	235	235	230	240	260	255	225	240	255				
27	250	210	230	250	120	150	110	105	105	90	100	95	260	285	270	280	290	250	250	245	235	240	100	255				
28	250	235	80	80	240	255	270	150	195	235	240	255	285	245	240	250	245	240	<--	-	RF			>				
29	<--	--	----	----	RF	...	----	----	----	---->	55	270	275	55	60	45	255	210	250	<--		RF	--	>				
30	<----	----	----	----	RF	----	----	----	----	----	---->	270	275	265	270	270	255	45	255	240	245	90	105	240				
31	240	240	125	240	90	105	125	210	250	250	270	270	MT	45	270	75	250	75	135	105	250	240	240	110				
Prevailing																												

6

CORRECTED DATA

QC Checked 3-28-75 By: D.G.

STATION TEMPERATURE (°C)
10 m.

DATA FOR MONTH OF Dec 1974 STATION NUMBER A4
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	MAX.	TIME	
335 1																												
36 2																												
37 3																												
38 4																												
39 5																												
40 6																												
41 7													PF															
42 8																												
43 9																												
44 10																												
45 11																												
46 12																												
47 13																												
48 14																	2.8	1.5	1.4	1.3	1.2	1.3	.9	2.8				
49 15	3.0	2.4	2.7	1.6	.4	.5	.5	-.2	2.8	4.5	5.7	6.4	7.5	7.7	7.0	7.6	5.4	4.0	2.7	2.4	2.8	3.0	2.7	2.6				
50 16	2.4	2.5	2.6	3.0	30	3.2	30	3.0	3.5	4.4	7.2	120	11.8	10.4	11.2	13.5	12.4	1.8	5.4	5.9	5.8	4.7	30	3.8				
51 17	3.3	3.5	1.8	.4	.8	1.0	-.5	-.4	3.2	5.2	6.4	5.2	10.0	←				1M						→				
52 18													1M															
53 19													1M															
54 20										1M										7.5	7.2	7.5	7.0	7.6				
55 21	5.6	7.2	7.0	7.0	6.4	1.5	7.1	7.0	7.5	8.2	9.4	9.3	9.0	6.8	7.5	10.0	9.9	10.0	10.2	10.6	10.0	9.8	9.4	7.6				
56 22	3.5	2.5	1.7	1.2	.8	0	-.8	-1.2	-1.9	-1.2	.2	.5	.5	1.2	1.2	.8	-.4	-1.6	-2.2	-2.7	-3.4	-4.3	-5.0	-6.0				
57 23	-6.1	-6.1	-7.5	-7.5	-7.8	-8.5	-9.0	-9.4	-9.5	-9.2	-8.2	-7.0	-6.1	-5.2	-4.9	-4.8	-5.0	-5.6	-6.5	-6.8	-7.0	-7.5	-7.5	-8.4				
58 24	-8.8	-9.0	-9.3	-9.9	-11.2	-10.7	-10.8	-10.8	-10.8	-10.0	-8.0	-6.5	-5.7	-5.6	-4.7	-3.8	-4.6	-4.5	-5.2	-5.5	-6.4	-7.3	-8.0	-8.0				
59 25	-9.6	-9.2	-10.3	-9.9	-10.8	-10.6	-11.7	-11.6	-11.7	-10.6	-8.8	-7.8	-6.2	-4.7	-4.0	-3.5	-3.8	-4.8	-4.5	-5.3	-6.0	-6.4	-7.0	-7.6				
60 26	-9.5	-8.8	-9.6	-10.4	-9.8	-9.4	-9.8	-10.5	-11.0	-9.3	-7.6	-6.2	-5.2	-4.0	-2.6	-2.0	-2.1	-2.7	-3.0	-3.3	-4.0	-3.8	-4.5	-5.5				
61 27	-5.6	-1.7	-7.0	-6.8	-8.4	-7.6	-8.3	-8.0	-8.2	-7.6	-6.0	-4.4	-1.8	-1.4	-1.2	-1.0	-1.5	-2.2	-1.9	-2.5	-2.5	-2.6	-2.3	-2.2				
62 28	-3.5	-2.5	-3.2	-3.0	-2.0	-3.6	-3.6	-4.0	-5.0	-4.4	-3.5	-2.9	-1.5	-.5	1.2	2.9	1.0	1.0	.8	0	-.5	-1.2	-2.4	-3.0				
63 29	-2.5	-2.8	-2.1	-3.2	-2.6	-3.5	-4.2	-4.0	-3.6	-3.0	-2.0	-1.5	-1.2	-.5	0	.5	-.5	-1.4	-1.5	-1.2	-1.2	-1.0	-1.6	-1.3				
64 30	-2.5	-1.8	-2.4	-2.6	-2.4	-2.4	-2.4	-2.0	-3.2	-4.2	-2.5	-3.0	-1.8	-1.2	-1.2	-1.4	-2.2	-2.7	-2.5	-3.8	-4.2	-5.5	-5.0	-5.6				
65 31	-5.0	-5.0	-5.0	-6.0	-4.7	-5.0	-5.5	-5.0	-5.5	-5.6	-4.7	-3.5	-2.2	-1.4	-1.0	-1.0	-2.6	-3.7	-4.4	-4.2	-4.4	-4.8	-6.0	-7.0				
AVERAGE																												

UNCORRECTED DATA

QC Checked 4-5-75 **By:** DL

Entered Tape 46

STATION TEMPERATURE (°C)
10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A4
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avc	MAX.	TIME	
1	-7.5	-7.1	-7.7	-9.1	-8.2	[illegible]	-9.0	-10.8	-10.1	-8.9	-7.1	-6.1	-5.0	-3.8	-3.0	-2.8	-3.7	-4.3	-5.0	-5.9	-6.8	-7.2	-7.9	-8.0				
2	-10.8	-10.3	-10.2	-10.1	-9.6	-10.4	-11.9	-11.8	-11.1	-7.8	-9.1	-7.1	-6.1	-3.9	-3.4	-3.1	-3.1	-3.1	-3.3	-4.1	-5.7	-5.9	-6.1	-6.0				
3	-5.8	-5.7	-6.0	-7.9	-7.4	-10.1	-8.4	-8.1	-9.1	-9.0	-8.1	-6.4	-4.8	-4.9	-3.1	-2.6	-3.1	-3.3	-4.0	-4.9	-5.1	-7.2	-7.1	-7.2				
4	-7.2	-7.1	-7.1	-7.4	-7.8	-7.8	-7.2	-8.3	-8.5	-7.7	-7.6	-7.0	-5.1	-4.2	-3.9	-1.9	-2.9	-3.5	-2.8	-4.1	-4.8	-2.6	-2.3	-1.8				
5	-4.1	-3.2	-3.1	-4.0	-4.2	-3.3	-2.3	-3.6	-2.7	-1.0	-2.0	-2.3	-0.6	0.4	0	0.3	0.4	0.9	0.5	1.1	1.3	1.2	1.7	1.8				
6	1.9	1.0	0.7	0.8	1.0	1.1	-1.4	-2.3	-1.9	-1.1	0.2	1.9	1.8	3.2	4.3	4.7	4.1	3.9	3.9	2.9	1.5	[illegible]	1.1	1.4				
7	0.1	0.2	-1.3	-0.2	-1.0	-1.2	-0.9	-1.8	-2.1	-1.0	-0.9	3.4	4.1	5.2	4.4	4.0	3.8	3.3	3.1	3.2	2.0	2.0	[illegible]	2.5				
8	2.8	1.1	2.1	0.8	2.1	3.2	4.1	4.1	4.5	4.6	5.8	4.1	-0.7	-1.1	5.5	1.5	1.0	1.3	-0.1	-0.2	-0.1	0.4	0.1	-0.2				
9	-1.1	-1.1	-1.8	-1.9	-1.9	-2.2	-3.4	-4.1	-4.9	-3.6	-2.3	-1.7	-0.9	0.2	0.3	0.3	-0.2	-2.1	-3.3	-5.1	-5.6	-6.1	-6.7	-6.8				
10	-7.3	-8.0	-9.1	[illegible]	-9.2	-10.9	-7.4	-10.3	-9.7	-8.1	-7.2	-7.3	-8.2	-7.1	-6.6	-5.5	-6.2	-7.8	-8.2	-8.3	-9.0	-7.5	-7.9	-8.1				
11	-8.1	-9.3	-8.0	-7.2	-8.8	-8.0	-8.3	-10.1	-8.0	-7.2	-5.9	-4.7	-4.2	-3.7	-3.7	-3.9	-5.5	-6.3	-7.6	-8.4	-9.0	-9.4	-9.3	-9.2				
12	-10.2	-11.1	-12.2	-12.3	-12.0	-12.0	-12.3	-13.1	MT	-13.1	-12.0	-10.5	-9.1	-8.1	-7.4	-7.0	-7.6	-8.3	-7.9	-8.6	-9.7	-10.0	-10.0	-10.2				
13	-10.7	-10.4	-10.5	-11.1	-11.2	-11.0	-10.9	-10.5	-12.0	-11.8	-9.2	-7.5	-5.1	-5.2	-5.1	-5.4	-6.2	-6.6	-7.1	-7.0	-7.0	-8.1	-7.8	-8.0				
14	-7.8	-9.0	-9.0	-9.4	-9.5	-10.0	-10.4	-10.2	-9.7	-8.3	-7.1	-6.1	-5.2	-4.1	-3.0	-2.0	-2.7	-3.5	-3.0	-4.1	-4.8	-5.0	-5.6	-5.7				
15	-5.8	-5.9	-6.1	-6.9	-7.0	-8.1	-7.1	-8.1	-7.6	-6.0	-4.8	-4.7	-3.0	-0.2	0.9	0	-1.8	-1.8	-1.4	-1.3	-3.1	-4.4	-2.7	-4.1				
16	-4.8	-4.7	-5.1	-3.9	-5.0	-4.1	-5.6	-5.3	-3.9	-2.1	-1.8	-0.1	-0.1	1.0	1.1	0.3	0	-1.9	-0.3	-1.9	-1.9	-3.4	-0.9	-0.9				
17	-1.1	-1.4	-3.0	-1.9	-1.0	-0.1	-3.9	-3.3	-1.9	-2.9	-0.9	0.3	2.0	2.0	2.8	2.0	0.9	-0.6	-1.5	-1.7	-0.8	-1.9	-2.9	-2.0				
18	-1.8	-1.7	-2.0	-1.9	-1.2	-3.0	-2.7	0.1	-3.2	-2.1	0.3	3.3	4.7	6.0	7.6	8.0	4.3	5.1	6.3	6.1	7.0	6.8	4.9	3.0				
19	3.9	2.9	3.9	2.8	2.8	2.8	2.9	2.9	0.9	-0.7	1.9	2.9	4.0	6.0	7.0	6.0	5.9	4.9	5.0	3.9	4.0	4.9	1.9	1.0				
20	1.0	1.2	1.9	1.9	-1.2	-1.3	-1.0	-1.0	-3.2	-2.0	-0.9	4.0	6.0	5.0	7.0	7.9	5.9	6.0	6.3	5.0	5.0	7.9	7.3	6.9				
21	6.1	6.2	5.9	4.9	1.9	-1.9	-2.0	-1.9	0	-1.8	1.9	1.3	1.2	1.3	1.9	1.8	1.0	-0.9	-0.9	-2.0	-2.1	-3.9	-3.9	-4.0				
22	-3.9	-5.9	-5.8	-6.0	-7.0	-6.9	-7.0	-4.0	-8.0	-6.9	-5.9	-5.2	-3.9	-2.9	-1.1	0	0	-2.0	-2.1	-2.9	-3.9	-4.0	-5.0	-5.1				
23	-4.9	-5.2	-6.0	-5.9	-6.0	-4.9	-4.3	-4.1	-4.0	-3.9	-2.0	1.0	1.9	2.0	2.1	3.0	9.0	0.3	0.2	0.9	0	-1.9	-0.9	-1.0				
24	1.0	0	0.9	1.9	1.3	1.5	1.9	4.0	4.9	6.1	7.1	8.9	9.0	10.0	10.1	10.2	10.3	9.9	8.9	8.9	9.0	8.9	7.1	9.1				
25	8.9	8.3	8.7	9.1	9.1	9.0	9.2	9.9	10.1	11.1	11.9	14.0	14.1	15.0	15.3	15.1	13.9	13.9	12.9	11.9	11.1	11.2	12.1	12.0				
26	10.9	[illegible]	10.1	10.2	10.3	9.9	9.2	8.9	9.9	10.3	12.1	13.9	15.0	14.9	15.1	15.2	14.9	13.0	12.1	9.0	7.0	5.9	4.1	3.9				
27	1.9	1.8	1.0	1.1	0.3	0.2	0.9	0.5	1.6	1.9	2.1	2.0	2.9	3.1	3.2	3.0	2.0	0.9	0.8	0.9	0.5	1.0	0	0				
28	0	-0.1	-0.1	-0.1	-1.0	-1.0	1.0	1.2	[illegible]	0.3	1.1	1.3	1.2	1.3	1.9	1.4	[illegible]	[illegible]	←		RF			→				
29	←					RF				→	-6.6	-6.4	-5.7	-4.5	-3.8	-3.7	[illegible]	-5.2	-6.0	-6.5	-6.5	←	RF	→				
30	←					RF					→	-4.6	-4.4	-3.5	-2.3	-3.1	-3.5	-4.2	-4.3	-4.4	-4.4	-3.6	-3.6	-3.5				
31	-3.3	-2.9	-2.5	-2.4	-2.4	-2.2	-1.6	-2.0	-1.9	-0.8	-0.9	-0.5	MT	-0.1	-0.5	-1.5	-2.0	-2.4	0	-0.5	-0.5	-1.5	-2.5	-1.5				
AVERAGE																												

Entered Tape 46

CORRECTED DATA

QC Checked 11-4-75 By: DG

①

VARIATION OF WIND DIRECTION, σ_θ
(10m)

(degrees)

DATA FOR MONTH OF Dec 1974 STATION NUMBER AH
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14													SHIFT	→			3	4	14	14	12	14	15	15				①
15	13	11	6	4	6	5	9	4	6	4	7	9	11	8	11	10	5	2	5	4	4	8	10	10				
16	7	7	4	3	6	10	17	12	10	16	13	10	6	7	10	7	5	2	5	10	5	5	7	8				
17	4	9	9	10	9	6	3	3	9	4	5	5	9	←					1M					→				
18	<												1M											→				
19	<												1M											→				
20	<												1M						→	6	5	5	5	7				
21	5	7	11	14	13	10	10	13	9	12	16	16	12	4	12	17	16	14	11	13	13	11	10	6				
22	6	6	6	5	6	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	3	4	3				
23	9	3	4	4	3	2	4	2	2	4	4	6	5	5	5	6	4	5	5	4	4	5	4	5				
24	4	11	6	6	3	4	4	8	12	10	7	8	[illegible]	9	7	6	3	2	3	6	5	4	4	4				
25	3	3	8	2	3	4	3	8	2	5	6	6	2	9	9	10	6	3	2	2	3	3	3	5				
26	4	7	6	2	5	5	5	3	3	6	5	6	8	9	8	6	7	4	5	9	9	6	11	5				
27	3	3	4	6	5	10	7	4	7	6	6	6	5	6	6	5	2	3	2	4	6	5	3	5				
28	12	6	5	6	7	5	8	4	2	6	5	6	6	7	10	7	8	7	5	3	7	3	3	2				
29	3	5	3	4	3	4	4	2	5	5	9	8	5	6	5	7	4	2	7	3	2	2	4	3				
30	4	5	3	4	6	4	4	4	3	5	4	5	5	5	5	4	2	4	5	5	3	3	[illegible]	7				
31	5	5	7	4	4	4	2	4	7	3	5	8	9	8	8	7	4	4	2	3	3	[illegible]	3	6				
AVERAGE																												

SIGMA THETA (DEGREES C)
10 m

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	10	10
2	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	0	10	0	0	0	10	10	10	10	10	10
3	0	10	10	10	10	10	10	10	10	0	10	10	10	10	10	0	0	0	10	10	10	0	0	0	0	10
4	0	0	0	10	10	10	0	0	0	10	0	10	10	10	10	10	0	10	0	10	0	10	10	10	0	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10
6	10	20	10	10	10	10	10	10	10	10	0	0	0	10	20	20	10	10	10	10	0	10	10	10	10	20
7	10	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10	10	0	10	10	10
9	10	10	10	0	10	0	10	0	10	10	10	0	10	0	10	10	0	0	10	10	10	0	10	10	10	10
10	10	0	0	0	10	10	10	10	0	10	10	10	10	10	10	10	10	0	0	0	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	$$$$	10	10	10	10	10	10	10	0	0	0	0	0	0	10	10	10	10
13	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	0	10	10	10	0	0	0	0	10	10
14	10	10	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10
15	0	0	10	10	10	10	10	0	0	10	10	10	10	10	10	10	0	0	10	10	0	0	10	0	10	10
16	0	0	0	10	0	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	0	0	0	0	0	10	10
18	10	10	10	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10	10	10	10	10
20	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	10	10	0	10	10	10
21	10	10	10	10	10	10	0	10	$$$$	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	10	0	0	10	10
23	10	0	10	10	10	10	10	0	0	10	10	10	10	10	10	10	0	0	10	10	10	0	10	10	10	10
24	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	0	10	10	10	10	0	10	10	10	10	$$$$	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	20
27	10	10	0	10	10	10	0	0	10	10	10	10	$$$$	10	10	10	10	0	0	0	0	0	0	0	10	10
28	10	0	10	10	10	0	10	10	10	10	10	10	10	10	10	10	0	0	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	10	10
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	10	10	10	10	10	10	0	0	0	10	0	$$$$	$$$$	$$$$	10	10
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	10	10	10	10	10	10	10	10	10	0	10	10	0	10	10
31	10	10	10	0	0	0	10	10	10	10	10	10	$$$$	10	10	0	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	0

∅ a -.5

UNCORRECTED DATA

CHG "3" "TS" until JAN.

QC Checked 4-7-75 By: D.G.

100

Entered Tape 46

TOTAL SULFUR, TS #3
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Dec 1974 STATION NUMBER 24
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY MZH

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1																												74
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
0.5 -.5 17								START		→	1	0	1	←					PF					→				
[illegible] 18	←												PF											→				
19	←												PF											→				
20	←												PF						→	1	1	1	1	1				
21	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
22	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1					1	1				
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1				
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1				
25	1	1	1	1	1	1	1	1	1	1	1		0	1	1	0	0	0	0	1	1	1	0	1				
26	1	1	1	1		1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1				
27	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1				
28	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	0	1	1	1	1	1		1				
29	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0		1				
30	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1						
31	←												PF											→				
AVERAGE																												

STATION A-5

WIND SPEED — 10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 5

AEROVIRONMENT INC.

REPORT PREPARED BY 50

QC Checked 11/5/75 /10 By: SD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$ >	2.5	2.5	3.0	2.5	2.5	2.5	3.0
13	2.5	2.0	2.5	2.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	2.0	2.5
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	3.5	3.5	3.5	5.0	4.5	3.5	2.0	2.0	2.5	1.5	3.0	2.5	3.0	3.0	5.0
15	2.5	2.5	2.5	2.5	3.0	3.0	2.0	2.0	2.5	3.5	4.0	3.5	4.5	[illegible]	3.5	1.5	1.5	3.5	2.5	3.0	[illegible]	3.0	[illegible]	[illegible]	[illegible]	4.5
16	3.0	3.5	3.5	3.0	4.0	3.5	3.5	3.0	2.5	3.0	2.5	3.0	3.5	3.5	3.5	3.0	2.5	2.0	3.0	3.0	3.5	2.5	3.0	3.5	3.0	4.0
17	2.5	3.0	3.0	3.0	3.0	2.5	3.0	2.5	2.0	3.0	2.5	2.5	3.5	3.5	4.5	3.5	2.5	2.0	2.0	2.0	2.5	3.5	1.5	2.0	2.5	4.5
18	1.5	2.0	2.0	3.0	3.0	3.5	2.5	3.5	2.0	2.0	1.5	1.5	2.5	1.5	3.0	[illegible]	[illegible]	3.0	2.5	2.0	3.5	4.0	[illegible]	4.0	[illegible]	5.5
19	4.0	3.0	4.0	3.0	2.5	3.0	3.5	2.5	2.5	2.5	2.0	2.5	3.5	3.5	4.5	4.5	4.0	3.0	1.5	2.5	2.0	3.5	3.5	3.0	3.0	4.5
20	2.5	2.5	3.0	3.5	2.5	3.0	3.0	2.5	3.0	3.0	1.5	2.5	3.5	4.0	4.5	4.5	4.5	2.0	2.5	2.5	2.5	3.5	3.0	3.0	3.0	4.5
21	3.0	3.0	3.5	3.0	3.5	3.0	3.5	3.5	2.5	2.0	2.0	2.5	2.5	3.5	4.5	4.0	3.0	2.5	1.5	1.5	2.0	2.5	3.0	3.0	3.0	4.5
22	3.0	2.5	2.5	2.5	3.0	3.0	2.0	←	MT	→	3.0	3.5	3.5	3.5	2.5	3.5	3.0	4.5	4.0	3.0	2.5	2.0	3.5	2.5	[illegible]	[illegible]
23	2.0	2.5	2.0	1.5	1.5	2.0	2.5	2.0	2.0	2.5	3.5	3.5	3.0	3.5	3.0	1.5	1.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	2.5	3.5
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
25	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	3.0	2.5	3.5	4.0	3.5	2.5	1.5	2.5	2.5	1.5	4.0	5.5	3.5	3.0	3.0	5.5
26	3.5	3.5	3.0	3.5	4.0	3.5	3.0	2.5	MT	2.5	3.0	3.5	3.5	3.5	3.0	3.5	2.5	3.0	2.5	2.5	3.0	2.5	2.5	3.0	3.0	4.0
27	3.0	2.5	3.0	3.0	2.5	2.0	2.5	2.5	3.5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	2.5	3.5
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	2.5	2.5	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5	3.0	3.5	3.0	4.0	3.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0		

WIND SPEED - 10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 05

AEROVIRONMENT INC.

REPORT PREPARED BY G.G. / L.V

QC Checked 4/5/75 By: Q

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.5	3.0
16	2.0	2.0	2.5	3.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	2.5	2.0	2.0	2.0	1.5	2.5	2.5	2.5	3.0	2.5	2.5	3.0
17	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	3.0	2.5	2.5	5.5	2.5	3.0	4.5	3.0	2.5	2.0	2.5	2.5	2.5	3.0	5.5
18	2.5	3.0	3.0	3.0	3.0	3.5	3.0	3.0	3.0	2.5	2.5	2.0	2.5	2.5	3.0	2.5	2.0	2.5	2.0	1.5	2.0	2.5	2.5	2.5	2.5	3.5
19	2.0	2.0	2.5	2.0	1.5	2.5	3.5	2.5	2.5	2.5	2.5	3.5	4.5	5.5	5.0	5.0	4.5	2.5	2.5	4.5	3.5	2.0	2.0	2.5	3.0	5.5
20	2.5	2.5	2.5	2.5	2.5	3.0	3.0	2.5	3.0	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.5	2.5	2.5	2.5	3.0
21	2.5	2.5	2.5	3.0	3.0	3.0	2.5	3.0	3.0	2.5	2.5	[illegible]	2.5	2.5	2.0	2.0	2.5	2.5	2.5	3.5	2.5	4.5	5.5	3.5	3.0	5.5
22	6.5	4.5	6.0	5.5	5.5	5.5	3.0	3.0	2.5	2.5	2.5	4.5	6.0	5.0	5.5	5.5	6.0	4.5	3.0	2.5	2.5	2.5	3.0	2.5	4.0	6.5
23	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.5	4.5	3.5	3.0	4.0	2.5	2.5	1.5	2.5	2.5	4.5
24	2.5	1.5	2.5	2.5	2.0	2.5	2.0	2.5	2.0	2.0	2.5	2.5	3.0	3.0	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0
25	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.5	2.5	2.5	[illegible]	3.0	3.5	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.5	3.0	2.5	3.5
26	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.5	2.5	2.5	3.5	3.0	3.5	2.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.5
27	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	1.5	2.0	2.5	2.5	2.5	4.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	4.0
28	2.5	2.5	2.5	2.0	2.5	2.5	2.0	2.0	2.0	1.5	2.0	2.5	2.5	2.5	2.0	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5
29	2.0	2.0	2.0	2.5	1.5	2.0	2.0	1.5	1.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.0	4.0	2.5	1.5	1.5	2.0	1.5	1.5	2.0	4.0
30	2.5	2.5	2.0	2.0	2.0	2.0	2.0	1.5	.0	.0	.0	2.5	2.5	2.5	3.0	2.0	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	3.0
31	2.5	2.5	3.0	3.0	2.0	1.5	.0	2.0	2.0	1.5	2.5	2.5	3.0	3.0	2.0	3.5	3.0	2.0	1.5	2.5	2.5	2.5	2.5	2.5	2.5	3.5
AV	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.5	2.5	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5		

ENTERED

UNCORRECTED DATA

QC Checked 5-26-75 By: D.G.

STATION WIND SPEED (MPH)

10m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A5
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1	2.5	2.0	3.0	2.0	1.5	2.5	2.5	2.5	1.5	2.0	2.5	3.0	3.5	3.0	1.5	1.5	3.0	1.0	2.0	1.5	2.0	2.0	2.5	2.0		3.5	12	
2	2.0	2.0	2.5	2.5	2.0	2.0	1.5	1.5	1.5	2.0	1.5	1.0	2.5	2.5	2.0	2.0	1.5	2.0	2.0	2.5	2.0	2.5	2.0	3.0		3.0	23	
3	2.5	3.0	2.5	2.5	2.0	1.5	2.0	2.0	2.5	2.0	2.5	3.0	3.0	3.0	3.5	2.5	1.0	1.0	2.5	2.5	2.5	2.0	2.0	2.5		3.5	14	
4	1.5	2.0	1.5	1.5	2.0	1.5	1.5	1.5	1.0	1.5	1.5	2.0	3.0	3.0	3.0	5.5	4.5	3.0	2.5	2.5	2.0	2.0	1.5	1.5		5.5	15	
5	2.5	3.0	3.0	2.5	2.5	2.5	3.0	3.0	2.5	2.0	2.0	2.5	2.5	3.0	3.0	1.5	1.5	2.0	1.0	2.0	2.5	2.5	2.0	2.0		3.0	many	
6	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	2.5	2.5	3.0	2.0	3.0	8.0	3.0	1.0	1.0	1.5	1.5	1.5	1.5		8.0	16	
7	1.5	1.5	1.0	1.5	1.5	1.0	2.5	6.5	2.5	3.5	2.0	3.0	2.5	5.5	4.5	3.0	1.5	1.0	2.0	2.0	2.5	2.0	3.0	2.0		6.5	07	
8	2.0	2.0	1.5	1.0	1.0	1.5	2.0	1.5	3.5	4.5	3.0	2.5	2.5	3.0	1.5	3.0	1.5	2.0	3.0	1.0	1.5	1.5	1.5	1.5		4.5	09	
9	3.0	2.5	1.5	1.5	1.5	1.0	0.5	1.5	1.5	1.0	1.5	1.5	2.5	3.0	2.0	1.0	1.0	3.5	3.5	4.0	3.5	1.5	1.0	3.5		4.0	19	
10	2.0	1.0	1.5	1.5	2.5	2.5	3.0	3.5	1.5	2.0	1.5	1.5	2.0	1.5	2.5	2.0	1.5	3.0	3.0	1.5	1.5	2	3	2				
11	1.0	0.5	1.5	1.0	1.0	1.5	1.0	1.5	2.0	0.5	2.0	2.5	2.5	3.0	3.0	3.0	2.5	2.0	5.0	5.5	6.5	8.0	9.5	9.0				
12	3.5	2.5	2.0	2.0	3.0	3.0	3.5	2.0	0.5	1.5	3.0	3.0	2.5	3.5	2.5	3.0	1.5	2.0	2.0	3.5	4.5	2.0	1.5	1.0				
13	1.0	2.0	2.0	2.0	1.5	1.0	0.5	1.5	2.5	2.0	2.0	2.5	2.5	2.5	3.5	2.0	2.0	1.5	1.0	2.0	2.0	1.5	1.5	1.0				
14	1.5	1.5	1.5	1.0	1.5	1.0	2.0	1.0	1.0	2.0	3.5	3.5	3.5	2.5	2.0	1.0	2.0	2.0	2.5	1.5	1.0	0.5	2.0	1.0				
15	1.0	1.0	1.5	1.0	1.5	1.5	1.0	1.0	1.5	1.0	1.5	2.5	2.0	1.5	1.5	1.5	1.5	1.0	1.5	1.5	2.5	1.5	1.5	1.0				
16	1.5	1.0	1.5	1.0	1.0	0.5	1.5	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.5	2.0	1.0	4.0	2.0	3.0	2.0	3.0	2.0	3.0				
17	2.0	2.0	2.0	1.0	2.5	2.0	1.0	2.0	2.5	2.0	2.0	3.0	2.5	2.0	2.5	2.0	3.0	2.5	1.5	1.5	1.0	1.5	2.5	1.5				
18	1.0	1.0	2.0	1.5	1.0	1.0	1.5	1.0	1.5	2.0	2.5	2.5	2.5	2.5	3.0	2.0	2.5	5.0	3.0	2.0	2.0	2.0	1.0	1.0				
19	2.0	2.5	3.0	3.0	3.0	1.5	1.0	1.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	2.5	2.0	2.0	1.0	1.5	1.0	2.0	2.0	1.5				
20	1.5	1.0	2.0	1.5	2.0	2.0	2.0	2.5	1.5	2.0	1.0	1.5	2.5	3.0	3.0	4.0	3.0	2.0	2.5	2.0	2.0	2.0	2.0	3.0				
21	5.5	5.0	3.5	2.0	3.0	6.5	12.5	8.0	8.0	6.5	9.5	12.5	12.5	12.5	11.0	8.0	5.5	3.5	1.5	2.5	2.0	2.5	1.5	2.0				
22	3.0	3.0	3.5	2.5	3.0	2.5	2.5	2.0	2.0	1.0	2.0	2.5	3.5	3.5	3.0	2.5	1.5	1.0	1.0	2.0	2.0	1.5	2.0	1.5				
23	0	2.0	2.0	3.0	1.0	1.0	1.5	1.5	1.5	2.5	3.0	2.5	3.0	3.0	3.0	3.0	3.5	1.5	1.0	2.0	2.0	1.5	2.0	1.5				
24	1.5	1.0	1.0	2.0	1.5	2.0	2.0	2.5	0	1.5	2.0	3.5	3.0	3.5	3.0	2.0	2.0	3.0	3.0	2.5	1.0	2.0	1.5	1.5				
25	1.5	1.5	1.0	1.5	0.5	1.0	1.5	1.0	0.5	0.5	1.0	0.5	2.5	3.5	4.5	4.5	3.5	3.0	3.0	2.0	2.0	2.0	2.5	2.0				
26	1.0	0.5	1.0	2.5	1.5	2.0	3.5	3.5	4.5	3.5	3.0	3.0	7.5	6.0	5.5	5.0	5.0	2.5	2.0	4.0	3.5	3.0	1.5	2.0				
27	3.0	2.5	1.5	1.5	2.0	1.0	1.0	1.0	1.0	3.5	2.0	1.5	3.0	2.0	2.0	1.5	3.0	3.0	2.0	1.0	0.5	0.5	1.0	3.0				
28	3.0	2.0	1.5	2.0	1.5	2.0	2.5	2.0	2.0	1.5	2.5	2.5	4.5	3.0	4.5	4.5	4.5	3.5	2.0	3.0	3.5	3.0	3.0	3.0				
29	3.5	3.5	2.0	3.0	2.0	2.0	2.0	2.0	1.0	1.5	1.5	2.5	2.5	2.5	2.5	1.5	1.5	1.0	1.0	1.5	2.0	2.0	1.5	1.0				
30	1.0	3.0	2.0	2.0	1.5	1.0	1.5	1.0	1.0	1.5	2.0	3.0	2.5	2.5	2.5	3.0	2.0	1.5	0.5	1.0	1.0	1.5	3.0	1.5				
31	2.0	1.0	1.5	1.0	1.5	0.5	1.0	1.5	1.0	1.5	2.0	2.5	2.5	3.0	2.5	3.0	2.0	1.5	1.5	1.0	1.0	1.5	1.5	1.0				
Average																												

WIND DIRECTION - 10M
DEGREES

WHITE RIVER SHALE PROJECT, UTAH
~~DECEMBER~~ NOVEMBER, 1974
SITE A 5
AEROVIRONMENT INC.
REPORT PREPARED BY

CORRECTED DATA

QC Checked 4/7/75 By: 80

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
12	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	325	335	330	355	345	330	16
13	340	350	330	320	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	16
14	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	0	260	290	310	305	315	255	285	315	310	280	295	315	15
15	280	225	330	270	255	240	265	280	325	285	255	285	295	215	240	245	265	290	280	270	285	300	315	300	14
16	285	300	315	270	310	330	330	270	255	295	290	300	225	270	235	220	205	230	255	310	280	260	315	255	14
17	280	300	315	310	285	315	290	280	265	255	290	285	205	270	350	210	200	225	290	250	285	330	310	305	14
18	315	270	310	315	270	285	260	305	310	275	280	225	270	250	260	290	285	240	195	310	305	300	255	275	13
19	205	300	340	335	345	320	350	315	265	335	280	260	170	255	205	220	235	240	270	295	300	320	335	340	16
20	240	5	0	350	335	340	10	335	350	335	355	350	385	150	165	315	310	305	220	300	340	325	340	330	1
21	345	350	335	330	350	350	350	300	335	335	290	325	345	245	160	260	215	325	255	270	330	320	315	335	16
22	330	300	340	325	345	380	315	~~$$$~~ PF	~~$$$~~	~~$$$~~	245	250	160	195	215	320	285	300	315	215	240	350	280	205	15
23	225	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	345	90	60	350	15	75	50	65	55	15	0	355	45	2
24	215	[illegible]	335	180	175	200	220	170	200									PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	13
25	~~$$$~~	~~$$$~~	~~$$$~~	170	205	215	195	190	110	235	310	230	195	165	250	270	300	315	320	300	275	350	325	340	15
26	295	330	335	345	345	335	330	345	$$$	350	315	215	220	230	315	285	315	330	330	340	345	335	340	310	13
27	335	310	315	310	340	350	300	290	225	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	16
28	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	99
29	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	99
30	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~ PF	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	99
31		$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	1
PV	16	14	16	15	16	1	1	13	13	16	14	14	5	12	1	15	14	12	14	14	14	13	15	16	

WIND DIRECTION-10m
DEGREES

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
DECEMBER, 1974
SITE A 5
AEROVIRONMENT INC.
REPORT PREPARED BY G.G.

QC Checked 4/5/75 By: SQ

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
2	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
3	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
4	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
5	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
6	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
7	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
8	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
9	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
10	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
11	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
12	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
13	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
14	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	
15	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	135	350	315	345	340	310	285	310	15	350	270	15	
16	285	355	350	345	15	345	345	345	330	345	15	30	85	75	180	210	320	320	350	345	5	355	345	345	16	
17	350	355	345	0	345	320	345	350	0	15	140	125	175	260	320	240	240	240	325	270	255	310	345	330	16	
18	345	345	350	355	355	345	340	350	350	350	345	345	0	180	270	320	350	350	340	270	270	345	345	350	16	
19	300	240	300	330	240	235	300	350	355	325	195	150	270	325	300	310	325	245	240	240	235	285	330	0	12	
20	320	315	345	345	345	345	345	345	345	350	345	350	5	310	325	0	270	335	350	270	340	345	345	270	16	
21	330	335	340	345	350	345	355	350	350	0	345	255	315	225	150	335	315	355	210	270	220	265	300	255	16	
22	350	240	270	215	270	330	310	255	310	345	195	270	305	255	195	230	305	330	340	255	240	250	350	350	12	
23	335	350	270	345	350	350	350	350	355	270	310	325	150	150	35	45	35	20	95	10	20	15	10	170	1	
24	180	345	350	345	355	330	335	350	60	180	0	120	180	15	165	220	320	345	270	355	355	355	345	350	1	
25	355	355	345	330	350	345	355	180	180	190	160	185	195	345	340	300	245	335	355	345	350	345	350	355	1	
26	355	345	345	345	340	345	180	350	115	15	30	150	45	180	210	180	325	205	340	340	350	350	345	350	16	
27	350	345	345	350	350	350	355	180	350	330	240	135	150	150	305	195	240	315	315	345	350	350	345	350	1	
28	350	345	345	350	325	340	350	155	345	215	335	135	175	135	225	240	255	255	340	340	315	345	350	270	16	
29	340	350	270	340	345	255	195	155	165	220	30	0	0	75	15	170	0	345	355	170	345	300	345	195	16	
30	345	350	345	345	240	345	350	355	0	350	5	180	120	190	300	295	215	225	345	340	350	350	350	5	1	
31	345	345	345	345	350	180	345	345	340	355	330	180	165	150	215	320	340	195	270	350	350	345	335	345	16	
PV	1	16	16	16	1	16	1	1	1	1	16	9	8	8	15	15	15	16	16	16	1	1	16	1		

WIND DIRECTION -10m
OE6

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 5

AEROVIRONMENT INC.

REPORT PREPARED BY L.V

QC Checked 4/5/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	0	350	355	330	350	0	345	330	330	170	135	150	170	255	240	325	180	345	350	355	355	345	350	1	
2	345	350	355	345	345	350	345	300	0	135	300	315	210	185	180	300	290	270	245	350	0	355	355	0	1	
3	350	345	350	350	345	340	0	0	350	15	0	165	155	180	180	190	270	340	350	350	355	350	355	0	1	
4	350	350	255	345	0	330	355	350	195	25	325	145	0	150	175	345	325	255	275	180	210	325	270	270	1	
5	350	0	355	350	350	350	345	350	355	350	125	270	225	345	175	240	345	335	335	350	345	340	345	270	1	
6	350	335	180	5	150	185	295	0	0	355	15	155	150	125	335	180	180	255	255	240	355	180	270	355	1	
7	350	350	240	330	240	330	345	330	210	215	0	275	225	315	345	320	205	255	335	0	355	0	350	345	16	
8	345	335	255	275	305	270	350	300	325	195	185	175	170	325	215	285	150	255	185	155	300	335	245	300	9	
9	220	185	300	285	295	345	195	325	315	0	5	330	220	165	270	320	240	180	270	320	5	240	310	350	15	
10	350	355	345	350	0	355	350	345	350	5	330	325	180	330	175	165	15	320	180	180	350	355	355	350	1	
11	315	300	350	275	270	225	255	220	215	325	355	135	5	195	240	255	300	240	330	355	0	10	350	350	1	
12	330	320	350	355	345	350	340	350	180	20	135	135	220	270	320	335	240	240	0	30	0	165	180	345	16	
13	330	320	355	320	300	300	270	0	300	270	90	180	315	240	15	190	175	285	235	345	90	320	0	340	15	
14	350	340	300	350	10	345	350	325	180	0	180	150	135	205	190	240	315	330	350	350	345	330	340	350	1	
15	300	315	345	300	255	315	270	270	345	345	340	135	265	350	215	195	195	225	0	350	340	345	345	315	16	
16	340	270	0	180	270	320	150	330	180	190	270	270	130	180	160	15	355	0	195	325	340	305	290	335	13	
17	300	300	270	335	345	315	270	225	300	270	270	270	330	270	105	210	180	345	270	350	190	345	345	285	13	
18	335	180	345	345	270	350	285	275	345	180	150	355	45	120	150	215	270	330	255	275	270	340	330	340	16	
19	350	350	350	15	345	330	345	270	270	340	0	270	180	150	145	170	220	265	255	180	345	340	350	340	16	
20	240	300	340	345	345	335	350	340	345	340	270	255	0	255	120	170	180	315	315	330	345	340	270	345	16	
21	350	345	340	330	340	325	15	0	10	355	0	350	0	15	10	350	345	315	270	335	340	350	180	355	1	
22	340	345	345	350	345	345	345	335	0	0	355	270	160	170	180	180	300	180	180	350	355	345	345	345	16	
23	350	355	350	345	345	0	345	300	0	165	180	165	150	300	210	180	255	240	315	340	340	330	270	300	16	
24	285	330	240	345	355	300	285	345	235	240	350	[illegible]	340	180	195	315	285	315	345	310	300	345	345	345	16	
25	345	335	350	315	225	340	270	310	315	75	345	315	195	300	285	270	305	345	300	285	330	345	0	10	16	
26	340	345	300	340	355	345	355	345	340	350	350	0	175	190	215	230	230	200	315	295	225	190	270	315	16	
27	320	320	340	350	340	255	345	300	325	255	255	335	345	255	330	300	300	310	170	270	285	300	325	300	14	
28	240	30	350	310	325	270	240	180	170	195	165	240	355	330	195	235	220	185	310	270	350	350	0	350	1	
29	350	350	350	345	340	350	350	355	345	0	30	20	50	15	50	10	240	350	330	350	355	350	350	340	1	
30	340	345	315	0	340	30	350	325	195	15	45	145	135	165	180	145	150	180	180	225	210	270	290	345	16	
31	175	300	325	330	350	270	315	345	30	350	85	75	215	155	300	155	150	120	180	275	315	275	170	0	8	
PV	1	16	1	16	16	16	1	16	16	1	1	7	8	9	9	9	14	12	9	1	1	16	16	1		

Entered
Tape 40

QC Checked 1/6/75 By: JGB (100)

UNCORRECTED DATA

Total Sulfur CHANNEL 3
TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Nov 1974 STATION NUMBER A5
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY S. OLSEN

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Average	CONC.	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12											START OF PROJECT →									1	1	1	1	1	–	—		56
13	1	1	1	1	← GENERATOR FAILED — IM →																				–	—		
14	← IM →											4	4	4	4	4	2	0	0	0	0	0	0	0	–	—		
15	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
16	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1			
17	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1			
18	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0			
19	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1			
20	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	0	1	0	0	0	0	0	0	0	1			
21	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
22	0	0	0	1	1	1	0	← IM →			2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	—		
23	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	← →							–	—		
24	← GENERATOR FAILED →																								–	—		
25	→										3	3	2	2	1	0	0	1	1	1	1	1	1	1	–	—		
26	1	1	0	1	2	2	1	→		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—		
27	0	0	0	0	0	0	0	0	0	←															–	—		
28									IM																–	—		
29									IM		GENERATOR Failure														–	—		
30									IM																–	—		
31																												
AVERAGE	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	–	–	–	–

TOTAL SULFUR (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/11/75 By: SO

SITE A 5

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY GLG

CLOCK HOUR (LOCAL S ARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	F	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	IM	$$$$	$$$$	$$$$	$$$$	$$$$		$$$$	0	0	0	0	5	5	5	5	5	5	5	5
AV	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	0	0	0	5	5	5	5	5	5		0

① Entered / 50

UNCORRECTED DATA

QC Checked 3-26-75 By: D.C.

(100)

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A5
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1	2	3	3	2	3	2	2	2	3	3	3	2	2	2	1	1	1	1	2	2	2	2	3	2		3	many	96
2	2	2	2	3	2	2	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	1	1	1		3	many	
3	0	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	many	
4	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	many	
5	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	many	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	many	
7	0	0	0	0	0	0	0	0	0	3	2	4	5	3	3	1	5	5	2	2	3	2	3	3		5	many	
8	2	2	2	2	2	2	2	5	4	3	1	1	0	0	2	2	2	2	2	2	2	2	2	2		5	07	
9	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2		4	11	
10	2	2	3	3	3	2	1	2	2	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1				
11	1	1	1	1	1	1	1	1	1	2	1	2	3	3	2	1	2	2	2	2	2	2	3	3				
12	3	3	3	3	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
13	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1				
14	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
15	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
24	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	2	1	1	1	1	2	2	2	2				
25	2	2	2	2	2	3	3	3	3	4	4	4	2	2	1	1	0	0	0	1	5	2	2	3				
26	3	2	3	3	3	2	2	3	3	3	3	3	1	1	1	1	0	0	0	1	1	3	2	3				
27	3	2	3	3	3	3	3	3	3	3	4	3	1	1	1	2	2	2	3	3	3	3	3	3				
28	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
29	1	1	1	1	1	1	1	1	1	0	0	0	0	0	3	2	1	2	2	2	2	3	3	3				
30	3	3	3	3	4	1	1	1	1	1	0	0	0	0	0	0	1	2	2	2	1M	—	—	—				
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				V
AVERAGE																												

CORRECTED DATA

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SI:E A 5

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY SO

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	START	⟶	0	0	0	0	0	0	0
13	0	0	0	0	⟨~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0
14	⟨~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~⟩	5	0	0	0	0	5	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	5
22	0	0	0	0	0	0	0	⟨~~$$$$~~	PF	~~$$$$~~⟩	5	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
23	0	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~⟩	0	5
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
25	⟨~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	5	0	← PF	~~$$$$~~⟩	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	⟨~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	⟨~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	PF	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~⟩	0	$$$$
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY

CLOCK HOUR (LOCAL S ARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CORRECTED DATA

QC Checked: 1/10/75 By: SO

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5	5	5	0	5	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5
10	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	5	0	0	0	5	0	5
12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	5	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	5
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
AV	0	0	0	0	0	0	0	0	0	0	0	[illegible]	0	0	0	0	[illegible]	0	0	0	0	0	0	0	0	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

NOVEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY S.O.

QC Checked 4/4/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	0	0	0	0	0	0
13	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0
14	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	10	10	5	5	0	0	0	0	0	5	10
15	0	0	0	0	0	0	0	0	0	0	5	5	5	5	10	10	5	5	5	5	0	5	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	5	5	5	5	10	10	10	5	5	5	5	0	5	0	5	10
17	0	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5	10	5	5	5	5	5	5	0	0	10
18	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
19	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	15	15	10	5	5	5	0	0	0	5	15
20	0	0	0	0	0	0	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5
21	0	0	5	5	5	5	5	0	0	0	0	0	0	5	5	5	10	10	10	5	5	5	0	0	5	10
22	0	0	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	10	15	15	10	10	10	5	5	5	5	5	5	15
23	5	5	5	5	0	5	0	0	0	5	5	5	5	5	10	10	5	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	10
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	5	5	5	5	0	0	5	0	0	0	0	0	5	0	5
26	5	5	0	0	5	5	5	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CORRECTED DATA

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	0	0	0	5	5	5	5	5	5	0	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
2	5	5	5	5	5	5	5	5	5	10	10	0	0	0	0	0	0	0	0	0	0	5	5	5	5	10
3	0	0	5	5	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	5	5	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	15	15	15	0	5	0	0	10	5	0	0	5	5	0	0	5	15
8	0	5	5	5	5	5	5	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	5	15
9	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	15	15	15	15	15	15	15	15	15	15	20
10	15	15	20	20	20	15	10	10	15	15	15	10	10	10	10	10	10	10	10	10	10	15	15	15	10	20
11	15	15	15	15	15	15	15	15	15	15	10	15	20	15	15	15	15	15	15	15	15	15	15	20	15	20
12	20	20	20	20	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	15	0	0	0	0	5	20
13	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	0	5
14	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	15	10	10	10	10	10	10	10	15	15	15	15	5	15
25	15	15	15	15	15	15	20	20	20	20	20	15	15	15	10	10	10	5	10	10	20	15	15	15	15	20
26	15	20	15	15	15	15	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	15	15	15	15	20
27	15	15	15	20	20	20	20	20	20	20	20	15	10	10	10	10	15	15	15	15	15	20	20	20	15	20
28	20	10	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	20
29	15	10	15	15	15	15	15	15	15	15	10	10	10	10	20	20	15	15	15	15	15	15	20	20	15	20
30	20	20	20	20	15	10	10	10	10	10	10	10	10	5	5	5	10	15	15	10	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~>	10	20
31<	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M- ~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~>	0	$$$$
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0

STATION A-6

④

Entered

UNCORRECTED DATA

QC Checked 4-3-75 [illegible]

STATION WIND SPEED (MPH) 10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13														Start →			40	30	30	6.0	5.5	35	5.0	5.0				
79 14	30	30	40	20	45	20	50	4.5	2.0	2.0	35	30	35	2.0	25	2.0	20	1.5	4.5	45	35	30	5.5	9.0				
15	10	75	30	30	5.5	35	55	60	5.5	35	2.5	2.5	20	MT	20	35	35	35	30	60	3.0	20	35	30				
81 16	3.0	60	60	80	60	5.5	30	30	2.0	25	20	30	4.5	5.0	35	35	3.5	5.0	35	5.5	30	3.5	45	60				
17	30	35	2.5	30	65	60	50	45	60	35	3.0	25	35	45	3.5	3.5	40	55	3.5	35	5.0	45	40	5.0				
18	[illegible]	5.[illegible]	4.5	4.[illegible]	35	3.0	35	35	35	35	2.5	30	3.5	35	40	4.5	7.0	40	45	3.5	35	35	4.5	35				
19	45	60	85	80	60	65	50	6.0	3.5	2.0	3.5	50	50	30	35	7.5	35	20	30	45	65	45	2.5	2.0				
20	35	4.5	4.5	5.5	55	75	95	5.0	50	35	3.5	30	45	55	9.5	55	35	3.0	45	55	35	35	5.5	35				
21	60	60	[illegible].0	11.0	14	1[illegible].5	12.0	11.0	15.5	12.0	15.0	22.0	20.0	19.0	15.5	11.0	5.0	2.5	55	90	6.0	45	3.0	12.0				
22	14.0	15.5	11.0	75	6.5	11.0	90	45	45	35	30	25	30	35	5.0	45	3.5	30	30	6.5	5.5	30	6.0	35				
23	6.5	4.5	4.5	40	40	35	45	55	35	35	20	4.5	4.5	4.5	40	75	35	MT	30	5.5	35	20	35	4.5				
24	5.0	25	45	45	45	5.5	55	4.0	5.0	MT	30	30	35	5.0	35	8.0	60	10.0	40	3.0	[illegible]	4.5	40	6.0				
25	30	35	35	30	4.5	2.0	35	20	35	3.5	75	75	12.0	20.5	20.5	18.5	11.0	11.0	6.0	4.5	40	2.0	2.5	2.5				
26	35	30	30	2.5	[illegible]	2.5	2.5	25	2.5	2.0	11.0	18.5	16.0	18.0	15.0	18.0	15.0	12.0	12.0	16.0	60	45	45	5.0				
27	35	3.5	30	[illegible]	[illegible]	6.0	35	30	5.0	35	2.5	50	5.5	45	35	2.5	5.0	7.0	4.5	3.5	20	2.0	40	6.5				
28	30	2.0	30	2.5	3.0	6.5	5.0	4.5	6.0	5.5	35	5.0	9.0	11.5	15.5	18.0	14.0	6.0	11.5	17.0	17.0	17.0	15.5	15.5				
29	15.5	15.5	10	[illegible]	[illegible]	4.5	[illegible]	[illegible]	5.0	3.0	3.0	10	10	15	1.5	1.0	20	30	6.5	9.0	95	95	12.5	13.0				
30	10.5	75	4.0	6.0	[illegible]	[illegible]	[illegible]	3.5	2.0	35	1.5	2.0	1.5	2.0	2.5	2.0	[illegible]	[illegible]	2.5	2.5	4.5	3.5	3.5	2.5				
31	30	50	5.5	30	[illegible]	[illegible]	[illegible]	6.0	4.5	3.5	2.0	30	4.5	2.5	2.5	2.0	1.5	30	2.5	30	2.5	3.0	2.0	2.5				
Average																												

⑱

UNCORRECTED DATA

QC Checked 3-25 D.G. C.L.

STATION WIND SPEED (MPH) 30m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	GUSTINESS PEAK	TIME	CALIBRATION
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
5	—	—	—	—	—	—																	—					
6	—	—	—	—	—					—	—	—	—	—		—					—							
7			—	—	—	—																						
8	—	—																										
9	—																											
10	—	—																										
11													[illegible]	→	→	→	14.0	6.0	12.0	14.0	15.5	17.5	15.5	8.0				
12	6.5	12.5	14.0	11.5	11.5	8.0	5.0	2.0	2.0	2.0	2.0	2.5	3.5	5.5	5.5	5.5	7.0	5.0	1.0	5.5	6.5	2.0	1.0	1.0				
13	3.5	7.0	11.0	4.0	8.5	5.5	1.0	7.0	5.5	6.5	3.0	CS	M	—	—	CS	←	—	—	M	—	—	—	—				
14	—	—	—		—	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—	—	—				
15	—		—		—	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—	—	—				
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—	—	—				
17	—	—	—	—	—	—	—	—	M	—	—	—	—	—	→	3.5	4.0	6.0	3.5	1.5	5.0	4.5	4.0	5.5				
18	5.0	5.5	4.0	4.5	3.5	3.0	3.5	3.5	3.5	3.5	4.0	4.5	3.5	3.5	3.5	4.5	7.0	4.0	5.0	3.5	4.0	5.5	6.0	3.0				
19	5.5	6.0	7.0	9.0	[illegible]	10	11.0	4.0	7.5	5.5	6.0	7.5	4.5	3.0	3.5	7.5	3.5	2.0	3.0	4.5	8.0	9.5	5.5	3.5				
20	6.0	6.0	6.5	8.0	5.5	7.5	6.5	6.0	5.0	3.5	4.0	5.0	7.0	5.5	8.5	5.5	3.5	3.5	8.5	7.5	8.0	3.0	9.5	7.5				
21	7.0	11.0	5.5	14.0	—	—	—		—	OS	—	—	—	—	—	15.0	9.0	—	—	—	[illegible]	—	—	?				
22	11.0	9.0	5.0	3.5	—	6.5	5.5	3.5	2.5	2.5	3.0	OS	OS	6.5	8.0	8.0	—	—	—	[illegible]	—	—	—	?				
23	—	—	—		—	[illegible]	—	—	—	—	—	—	7.5	9.0	7.5	10.0	—	—	—	[illegible]	—	—	—	?				
24	—	—			—	[illegible]	—	—	—	—	—	—	3.5	5.0	3.5	9.0	7.5	11.0	7.0	4.5	8.0	6.0	4.5	7.5				
25	—	—	—	—	—	[illegible]	—	—	—	—	10.0	7.5	2.0	20.5	20.5	13.5	12.0	11.5	6.5	6.5	5.0	4.5	2.0	3.0				
26	3.5	4.5	3.5	3.0	3.5	4.0	5.5	6.0	6.5	6.0	11.0	20.0	9.0	15.0	15.0	18.0	16.0	14.0	12.5	13.0	6.0	4.5	8.0	9.0				
27	5.0	3.5	2.5	5.0	6.0	4.5	5.0	4.0	6.0	6.5	6.5	8.0	8.0	05	05	5.0	9.0	←	—	—	—	—	—	—				
28	—	—	—	—	—	—	—	—	—	OS	—	—	—	—	—	—	—	—	—	—	11.0	11.0	8.0	8				
29	[illegible]	2.0	4.5	2.5	3.0	3.0	[illegible]	5.5	←	—	OS	—	—	→	5.0	←	—	—	—	OS	—	—	—	—				
30	—	—	—	—	—	—	—	—	—	—	—	—	OS	—	—	—	—	—	—	—	—	—	—	—				
31	—	—	—	—	—	—	—	—	—	—	—	—	OS	—	—	—	—	—	—	—	—	—	—	—				
Average																												

⑤ 53 Entered

CORRECTED DATA

①

QC Checked 2-25-75 By: D.G.

STATION WIND DIRECTION – 10m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13													[illegible]	[illegible]	[illegible]	[illegible]	105	270	90	155	330	120	135	155				
14	160	130	150	130	140	110	140	165	140	285	275	230	285	300	270	285	285	300	150	140	150	165	150	150				
15	150	145	150	140	165	120	135	130	165	345	15	235	285	MT	320	[illegible]	280	240	140	165	120	45	135	150				
16	150	145	135	150	150	135	15	150	255	30	20	300	270	270	250	240	270	335	210	300	75	65	150	140				
17	115	85	180	105	85	125	330	[illegible]	[illegible]	285	355	240	285	285	235	285	280	255	265	215	165	160	135	145				
18	140	105	115	150	105	85	135	120	165	225	225	345	285	215	285	220	300	105	200	90	165	150	165	130				
19	140	140	150	135	130	140	140	145	165	105	285	275	270	285	290	270	235	275	165	135	150	175	165	100				
20	[illegible]	125	140	140	130	130	165	120	65	270	175	45	0	275	265	290	300	90	140	140	120	140	230	130				
21	105	130	240	325	60	65	45	45	45	15	10	20	45	40	45	35	35	210	150	145	140	150	180	150				
22	140	135	110	100	115	130	130	125	135	180	350	270	240	285	265	270	265	195	190	155	165	165	175	145				
23	145	135	150	160	15	345	45	130	30	220	280	[illegible]	215	265	265	270	285	MT	145	145	130	165	145	160				
24	170	315	30	125	90	120	120	0	300	MT	75	35	250	245	255	295	290	300	240	165	105	210	145	110				
25	120	120	120	135	140	135	130	15	270	225	230	260	270	275	280	235	270	255	135	165	150	105	75	100				
26	140	115	115	[illegible]	155	350	235	255	55	130	240	210	210	235	245	230	230	225	270	270	250	240	255	330				
27	110	[illegible]	[illegible]	150	165	165	150	135	100	120	275	285	300	305	320	350	310	280	270	295	300	[illegible]	105	[illegible]				
28	255	15	[illegible]	25	310	285	285	170	195	250	260	325	285	265	255	255	240	240	160	150	140	[illegible]	45	140				
29	145	[illegible]	[illegible]	125	105	120	130	125	125	90	30	40	30	300	15	315	160	140	[illegible]	110	145	[illegible]	145	150				
30	155	150	[illegible]	140	270	60	[illegible]	[illegible]	[illegible]	275	235	[illegible]	[illegible]	270	285	200	75	225	285	330	240	110	75	315				
31	225	165	165	40	60	150	125	160	160	155	290	270	265	310	285	270	300	135	120	115	225	180	120	150				
Prevail-ing																												

⑰ Entered

CORRECTED DATA

①

QC Checked 3-25-75 By: L.G.

STATION WIND DIRECTION -20m
(Deg)

DATA FOR MONTH OF Jan 1975 STATION NUMBER AG
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
382 17											[illegible]	[illegible]	—	—	270	235	280	225	205	255	165	165	150	160				
18	160	105	165	150	105	75	135	115	165	225	225	120	255	275	285	220	200	165	150	110	135	170	170	130				
19	160	160	155	155	140	150	150	165	165	110	235	270	270	225	285	270	255	245	165	150	165	175	165	180				
20	150	145	100	145	120	135	150	120	85	255	150	120	120	275	265	240	280	140	140	140	155	160	230	165				
21	120	115	240	310	165	70	60	00	55	35	30	30	50	55	55	50	70	210	165	155	155	155	180	165				
22	155	150	105	100	120	130	120	105	150	130	165	235	230	285	265	270	275	225	140	170	190	165	150	135				
23	160	145	150	100	15	125	40	150	140	320	240	300	270	265	265	270	285	MT	175	160	145	110	150	165				
24	110	115	110	105	[illegible]	120	165	105	[illegible]	MT	80	105	255	245	255	275	290	315	240	165	165	210	145	110				
25	130	120	120	170	145	165	150	225	185	225	230	260	270	275	280	285	290	255	140	165	150	135	90	125				
26	150	145	120	235	70	130	240	10	195	150	235	210	210	235	245	230	235	225	210	270	230	240	255	315				
27	[illegible]	[illegible]	130	155	70	10	150	140	100	120	275	240	300	305	150	105	245	290	285	305	315	130	120	285				
28	270	130	130	[illegible]	310	280	210	175	195	260	265	335	300	280	270	270	260	250	180	165	150	155	150	110				
29	145	145	135	130	105	105	155	125	120	110	100	130	75	300	75	345	170	65	165	165	135	105	150	150				
30	155	150	150	150	[illegible]	105	180	60	180	75	285	240	270	270	285	270	105	165	285	225	255	110	75	55				
31	125	135	[illegible]	30	70	100	[illegible]	[illegible]	[illegible]	170	[illegible]	[illegible]	[illegible]	310	285	[illegible]	[illegible]	35	145	135	225	130	135	150				
Prevailing																												

(19)

Entered

CORRECTED DATA

1

QC Checked 3/24/? By: D. Ga

*

STATION WIND DIRECTION - 30m
(Deg)

DATA FOR MONTH OF Jan. 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
5/16 11													[illegible]	[illegible] →	180	IM	270	330	320	230	130	120	230	270				
12	340	345	330	150	145	130	55	75	120	110	330	290	275	265	255	245	240	245	255	345	15	285	275	315				
13	300	315	270	[illegible]	315	225	225	205	255	345	300	165	IM	IM	270													
14													[illegible]															
15													[illegible]															
16													[illegible]															
17													[illegible]		210	285	280	285	265	255	165	165	140	170				
18	160	165	165	70	105	70	105	130	115	225	225	115	235	275	285	250	300	105	180	110	150	170	170	130				
19	160	100	165	160	150	160	150	165	165	90	130	275	270	285	285	210	285	295	165	165	165	175	165	210				
20	150	130	160	145	120	135	150	120	75	205	150	105	130	275	265	140	230	135	150	140	155	160	230	165				
21	150	170	290	310	85	70	60	60	55	55	30	30	50	55	55	50	55	210	170	155	155	160	180	170				
22	165	165	120	105	135	140	120	110	135	130	90	285	200	235	215	210	275	225	190	170	180	165	160	130				
23	170	150	150	160	170	[illegible]	70	135	120	240	240	300	290	290	255	290	285	MT	175	160	145	110	150	165				
24	180	215	110	135	100	120	165	175	[illegible]	45	80	105	255	250	255	310	300	315	285	165	180	210	145	180				
25	180	170	[illegible]	150	180	[illegible]	150	265	285	225	240	270	235	240	290	300	305	180	145	180	170	165	180	155				
26	150	170	[illegible]	[illegible]	180	[illegible]	270	310	310	225	240	225	225	240	250	240	240	240	270	290	255	245	285	315				
27	150	170	[illegible]	175	170	165	150	150	170	120	275	300	315	265	300	45	300	300	240	310	315	[illegible]	105	210				
28	270	90	120	90	300	[illegible]	210	175	195	200	165	335	300	280	270	270	260	250	180	170	165	165	150	190				
29	170	165	135	130	105	105	170	150	160	90	105	90	120	300	75	345	170	165	165	165	175	155	170	165				
30	165	50	165	150	180	120	[illegible]	[illegible]	[illegible]	275	275	240	270	210	285	270	105	190	235	225	255	110	75	55				
31	[illegible]	165	160	[illegible]	[illegible]	160	[illegible]	[illegible]	165	[illegible]	[illegible]	290	290	310	285	270	165	[illegible]	90	135	225	130	165	165				
Prevail-ing																												

6 Entered

CORRECTED DATA

①

QC Checked 3-29-75 By: D G.

STATION TEMPERATURE (°C) 10m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
366	1																												
67	2																												
68	3																												
69	4																												
70	5																												
71	6																												
72	7																												
73	8																												
74	9																												
[illegible]	10																												
[illegible]	11																												
77	12																												
[illegible]	13																												
79	14																												
[illegible]	15																												
81	16																												
[illegible]	17													Starting			-2.0	-3.0	-5.9	-6.0	-7.4	-9.0	-9.0	-9.2	-10.3				
[illegible]	18	-10.9	-12.7	-10.2	[illegible]	-11.0	-10.7	-11.9	-11.3	-11.0	-9.3	-6.8	-3.9	-1.8	0.1	1.8	2.9	-0.4	-1.9	-2.9	-3.3	-3.8	-4.1	-4.2	-5.3				
[illegible]	19	-7.1	-6.8	-6.6	-6.5	-6.4	-6.0	-6.0	-6.0	-6.9	-5.1	-3.8	-2.1	0.2	2.1	3.7	3.1	2.6	1.2	-1.1	-3.8	-3.4	-3.7	-5.1	-5.5				
[illegible]	20	-7.8	-8.0	-8.5	-8.4	-9.1	-9.8	-10.3	-10.5	-9.9	-9.5	-7.2	-3.7	-0.5	2.2	3.6	3.0	2.7	0.1	-2.1	-2.4	-1.1	0.1	2.7	2.9				
86	21	2.5	1.9	2.2	0.4	-2.3	-4.7	-3.9	-4.0	-4.6	-4.1	-3.0	-2.4	-1.8	-1.7	-1.6	-2.0	-2.9	-3.9	-7.6	-9.0	-10.1	-10.0	-12.0	-12.8				
87	22	-13.5	-13.4	-13.8	-14.1	-15.1	-15.7	-16.1	[illegible]	-15.4	-13.0	-11.2	-8.1	-6.8	-5.9	-5.0	-4.6	-3.3	-6.0	-8.1	-7.9	-10.3	-10.9	-11.8	-12.1				
[illegible]	23	[illegible]	[illegible]	-12.9	-12.5	[illegible]	-11.1	[illegible]	-11.0	-9.8	-7.8	-5.7	-3.7	-2.6	-1.8	[illegible]	-1.6	-3.1	NT	-5.2	-6.6	-7.9	-6.4	-7.5	-8.0				
[illegible]	24	-8.1	[illegible]	-7.3	-8.9	[illegible]	-7.7	[illegible]	-7.1	-7.8	-4.5	0.4	4.1	5.4	6.3	7.6	8.2	8.1	7.5	6.1	4.4	3.5	3.1	1.8	0.8				
90	25	1.0	-0.4	-0.2	-1.3	-2.2	-2.0	-1.3	-1.4	0.3	5.1	9.8	11.1	12.3	13.2	13.2	12.8	11.4	10.6	7.2	7.8	6.0	5.3	6.1	5.8				
91	26	5.4	5.3	5.1	[illegible]	4.9	3.9	2.1	2.2	2.0	5.1	10.2	12.4	13.1	14.0	13.1	13.2	12.1	11.3	8.4	5.7	3.8	2.6	1.7	0.4				
[illegible]	27	-1.3	-2.1	-3.0	[illegible]	-4.4	4.6	-5.7	-4.6	-2.4	-0.1	-0.6	-0.2	0.1	0.2	0.9	0.7	-0.1	-1.1	-1.2	-1.3	-2.1	-2.8	-3.1	-3.0				
93	28	-3.6	-3.9	-4.0	-3.1	-4.1	-4.0	-4.9	-4.7	4.6	-3.9	-3.0	3.6	-3.2	-2.3	-2.0	-2.7	-3.8	-4.7	-9.1	-11.8	-13.9	-16.2	-17.8	-17.2				
[illegible]	29	-13.8	[illegible]	[illegible]	[illegible]	[illegible]	-20.1	-15.3	-14.1	-18.8	-17.1	-15.6	-13.1	-11.1	-9.2	-10.0	-7.4	-10.2	-12.3	-14.3	-15.0	-16.3	-16.0	-16.9	-16.8				
[illegible]	30	-15.7	[illegible]	-15.7	[illegible]	-16	-15.9	-15.5	-14.6	-13.7	-13.0	-10.5	-9.1	-8.6	-8.0	-1.4	-7.5	-7.7	[illegible]	-8.1	-8.1	-8.0	-8.0	-7.8	-7.9				
[illegible]	31	-8.0	-7.7	-7.2	[illegible]	-7.5	-8.1	-8.5	-9.4	-7.3	-8.5	-7.3	-6.5	-6.0	-6.1	-6.3	-6.8	-7.4	-7	[illegible]	-8.0	-7.7	-7.8	-8.2	-8.1				
AVERAGE																													

*→Shift in [illegible] of +2.5° on chart observed starting at this point.

UNCORRECTED

QC Checked 4-4-75 By: D.L.

9 ①

✱ STATION TEMPERATURE (°C) ~~→ Entered Tape 4C~~
✱ Δ temperature → Re-Entered to Tape 4C
10-30 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	MAX.	TIME	
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
17	—	—	—	—	—	—	—	—	—	—	—	—	—	STAH→<	—	—	—	—	—	CA	—	—	—	→				
18	←	—	—	—	—	—	—	—	—	—	—	—	CA	—	—	—	—	—	—	—	—	—	—	→				
19	←	—	—	—	—	—	—	—	—	—	—	—	CA	—	—	—	—	—	—	—	—	—	—	→				
20	←	—	—	—	—	—	—	—	—	—	—	—	CA	—	—	—	—	—	—	—	—	—	—	→				
21	←	—	—	—	—	—	—	—	—	—	—	—	CA	—	—	—	—	—	—	—	—	—	—	→				
22	←	—	—	—	—	—	—	—	—	—	—	—	CA	—	—	—	—	—	—	—	—	—	—	→				
23	←	—	—	—	—	—	—	—	—	—	—	—	CA	→	→	→	0.2	MT	0.9	1.2	1.1	0	0.8	0.6				①
24	0.6	0.6	0.7	1.4	1.1	1.2	1.3	2.0	2.5	MT	0.8	0.4	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	0.2	0.4	0.7	0.8	1.4	1.3				↓
25	1.4	2.9	1.9	2.4	2.5	2.2	2.7	1.9	2.1	1.8	0.2	0.1	-0.1	0	-0.1	-0.1	0.1	0.4	1.5	0.5	0.5	0.3	0.3	0.3				
26	-0.1	0.5	1.1	0.5	0.6	1.0	1.9	2.6	2.7	0.9	0.1	-0.3	-0.2	-0.1	-0.1	-0.1	0.1	0.2	0.1	-0.1	-0.1	0	-0.1	0				
27	0.4	0.4	0.5	0.7	0.3	0.6	0.6	0.4	-0.3	-0.3	-0.4	-0.4	-0.3	-0.5	-0.5	-0.3	-0.3	-0.4	-0.5	-0.3	-0.1	-0.3	-0.2	-0.3				
28	*→	2.0	1.9	[illegible]	2.1	1.9	2.1	1.5	3.0	3.2	3.0	3.2	3.2	3.1	3.2	3.1	3.0	3.0	4.0	4.2	4.7	4.5	4.8	4.3				
29	4.5	4.6	[illegible]	[illegible]	4.4	4.8	4.6	4.5	4.6	4.7	4.3	3.8	3.6	3.8	3.8	3.5	3.3	3.8	—	—	CS	—	—	→				
30	[illegible]	[illegible]	4.2	4.7	4.4	4.1	4.0	4.1	[illegible]	[illegible]	[illegible]	3.5	3.3	3.3	3.3	3.1	2.9	2.9	[illegible]	[illegible]	2.9	2.9	[illegible]	2.8				
31	2.3	[illegible]	1.9	[illegible]	[illegible]	2.5	2.1	2.3	2.3	[illegible]	[illegible]	2.1	2.2	2.4	2.0	1.7	1.6	1.7	1.8	2.1	2.3	2.2	2.1	2.1				↓
AVERAGE																												

CORRECTED DATA

QC Checked 1-3-75 D.G. C.L.

Enter Tile A2

VARIATION OF WIND DIRECTION, σ_θ 30 m

(degrees)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY	PEAK	CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17														START→		8	6	5	5	6	6	5	7	5				
18	6	6	11	6	7	8	7	9	14	13	18	17	16	13	8	8	6	11	9	19	13	10	6	8				
19	6	6	6	8	8	7	7	7	9	9	10	8	7	9	11	5	8	8	8	6	6	7	13	17				
20	26	26	26	25	14	6	5	6	3	14	12	IM	IM	8	8	6	6	9	10	8	9	13	13	13				
21	13	11	8	8	28	29	28	27	27	30	27	28	27	27	26	28	27	26	28	28	27	28	28	7				
22	5	4	6	6	6	6	4	8	5	8	10	11	12	11	9	8	24	30	29	28	27	25	25	24				
23	25	23	23	24	24	25	26	27	28	28	27	26	13	13	9	6	13	MT	28	28	27	27	27	27				
24	27	27	27	27	27	28	28	27	33	MT	28	23	210	12	10	13	8	6	13	12	6	7	7	7				
25	29	29	29	30	30	28	29	27	33	10	11	11	7	6	6	6	5	5	5	6	6	7	9	10				
26	11	11	13	11	12	12	11	12	11	11	12	10	9	9	8	8	7	7	6	6	7	9	8	7				
27	7	7	7	7	7	6	11	13	13	13	15	13	11	M	10	10	10	13	31	31	31	30	31	31				
28	31	30	30	30	31	32	[illegible]	30	30	30	[illegible]	[illegible]	30	31	31	31	31	31	29	27	6	4	5	5				
29	6	3	4	4	5	[illegible]	4	8	5	6	[illegible]	[illegible]	33	33	32	[illegible]	31	29	27	25	24	23	22	21				
30	21	22	22	22	[illegible]	[illegible]	[illegible]	29	30	31	31	30	30	30	30	31	30	30	29	28	27	28	27	27				
31	31	28	29	[illegible]	[illegible]	[illegible]	28	27	27	28	31	31	31	30	29	29	05	29	29	29	30	29	31	29				
AVERAGE																												

①

UNCORRECTED DATA

Entered 41

QC Checked 3-26-75 By: D.G.

100

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Dec 1974 STATION NUMBER #6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK conc	DAILY PEAK TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6						STARTED		→		CA	CA	CA	CA	CA	.2	2	1	0	0	0	0	0	0	0				104
7	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1				
9	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	4	3	3	3	3	3				
10	2	3	3	3	3	2	2	2	3	3	3	MT	0	2	3	3	3	3	2	3	2	3	3	2				
11	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3				
12	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1				
13	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2				
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2				
15	1	1	1	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2				
16	1	1	1	1	2	2	1	1	2	1	2	3	3	4	4	5	5	4	3	2	2	1	1	1				
17	1	1	1	0	0	1	0	0	0	0	1	1	1	1	2	3	3	3	2	2	2	2	1	1				
18	1	1	1	0	0	0	0	1	1	0	0	2	2	3	4	5	5	4	4	3	3	2	1	1				
19	1	2	1	1	1	1	1	1	1	1	2	2	3	4	3	2	1	0	2	2	2	2	1	1				
20	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	1	1	1	2				
21	2	2	2	2	3	1	2	1	1	1	2	2	2	3	←									→				
22																												
23																												
24																												
25						IM														IM								
26																												
27																												
28																												
29																												
30																												
31																												
AVERAGE																												

①

End of Tape 40
HC

UNCORRECTED DATA

QC Checked 3-24-75 By: D.C.

(100)

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK conc	TIME	CALIBRATION
1													IM															104
2													IM															
3													IM				2	2	2	2	1	1	1	1				
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1				
5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2				
6	1	1	2	1	1	1	2	2	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1				
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
8	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	4	4	4	3	3	3	3	3	3				
9	2	2	2	2	2	2	2	2	2	2	2	2	2	4	6	6	6	4	3	2	2	2	1	1				
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	3	3	3	2	2	2	1	1				
11	1	1	1	1	2	2	2	2	1	1	1	2	2	3	4	5	4	3	3	2	2	2	1	1				
12	1	1	0	0	0	0	0	0	0	MT	2	3	4	4	5	5	5	4	3	2	2	2	2	2				
13	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	3	5	6	5	4	3	2	2	2				
14	2	2	2	2	1	1	1	1	1	2	2	4	7	3	2	2	2	2	5	4	3	2	1	1				
15	1	1	1	1	1	1	1	1	1	1	2	3	4	3	2	4	4	4	3	3	2	1	2	1				
16	1	1	1	1	1	1	1	1	1	2	2	3	4	7	4	3	3	3	6	7	5	4	3	2				
17	2	2	2	2	2	1	1	1	1	1	2	3	4	6	5	4	6	3	3	6	8	5	4	3				
18	2	2	2	2	2	2	2	2	2	2	4	4	7	5	2	2	2	2	2	2	6	7	5	3				
19	3	2	2	2	2	2	2	2	2	2	3	6	3	2	2	2	2	2	2	2	8	4	2	2				
20	2	2	2	1	1	1	1	1	1	1	1	2	3	7	8	3	2	3	7	7	4	3	2	3				
21	2	3	3	3	4	1	1	1	1	1	1	1						IM										
22														IM														
23														IM														
24										IM						2	2	3	2	2	3	3	3	2				
25	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5	5	5	4	4	3	4	3	3				
26	3	3	3	3	2	2	2	2	3	3	4	4	5	6	7	7	7	7	5	5	4	3	3	3				
27	3	2	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	1				
28	2	2	2	2	2	2	2	2	2	2	2	2	5	6	3	3	2	2	2	2	2	2	2	1				
29	1	2	1	1	1	1	1	1	1	1	2	3	4	3	3	4	4	[illegible]	4	3	3	3	2	2				
30	2	2	2	2	2	2	2	3	3	3	3	3	3	[illegible]	4	3	3	3	3	3	3	3	3	3				
31	3	3	[illegible]	[illegible]	3	3	3	3	3	3	3	4	4	[illegible]	4	4	4	3	3	3	3	3	3	3				
AVERAGE																												

CORRECTED DATA

QC Checked 4/11/75 by: SP

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	START	—	X~~$$$$~~	~~$$$$~~	CH	~~$$$$~~	~~$$$$~~ →	5	5	5	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5
8	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
9	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	10	5	5	5	5	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	MT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
15	5	5	0	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5
16	0	0	0	0	5	5	5	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
18	0	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	0	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	5	5
22	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
24	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
25	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
26	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
28	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
29	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
30	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
31	←~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~ →	0	$$$$
AV	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0

QC Checked 4/1/75 By: S.D.

CORRECTED DATA

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
6	5	5	5	5	5	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	$$$$	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	$$$$	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	5	5	10
26	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	15	10	10	10	10	10	10	5	5	10	15
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	10	10	10	10	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	5	5	10	10	10	10	10	5	10
31	10	10	10	10	10	10	10	5	5	10	10	10	10	5	10	10	10	10	10	10	10	10	10	5	10	10
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CORRECTED DATA

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	START	——>	~~($$$$~~	~~$$$$~~	CA	~~$$$$~~	~~$$$$~~)	5	5	5	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
10	5	5	5	5	5	5	5	5	5	5	5	MT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5	5	5	0	5
14	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
15	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	0	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5
17	0	0	5	0	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
18	0	5	0	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	0	5	5	5	0	0	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	5	5
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	/M	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/11/75 By: SO

SITE A 6

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
6	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5	0	5
7	5	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	$$$$	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	0	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	0	0	5	5	5	5	5	0	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
27	0	0	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5
28	5	5	5	5	5	5	5	5	5	5	5	5	10	15	10	5	5	5	5	5	5	0	0	0	5	15
29	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	5	5	0	0	0	0	0	0

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CORRECTED DATA

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1100	1100	1160	1100	1160	1160	1160	1160	1140	1160
5	1150	1150	1150	1150	1150	1210	1280	1340	1280	1280	1280	1280	$$$$	1150	1210	1150	1090	1150	1090	1090	1020	1020	1020	1020	1160	1340
6	790	1110	1180	1110	1240	1110	1110	1050	1110	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1050	1050	1050	1050	980	1050	1050	1070	1240
7	1050	1050	1050	980	980	1050	1050	1110	1180	1110	1110	1050	1050	1110	1180	1110	1050	1050	1050	1050	1050	1050	1050	790	1060	1180
8	1110	1110	1050	1050	1050	1050	1050	1050	1180	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	920	1050	1180
9	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	980	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	1110
10	1060	1060	1060	1060	1060	1060	1060	1130	1130	1190	1130	$$$$	1130	1130	1130	1060	1130	1060	1130	1130	1130	1130	1130	1130	1100	1190
11	1130	$$$$	1130	1190	1130	1130	1130	1130	1190	1130	1120	1190	1130	1130	1130	1130	1190	1130	1130	1130	1190	1190	1130	1060	1140	1190
12	1130	1190	1060	1060	1060	1130	1130	1060	1060	1130	1060	990	990	990	990	990	990	1060	990	990	990	990	990	990	1040	1190
13	990	860	990	990	1060	1060	1060	1190	1060	990	990	990	990	990	1060	990	990	990	990	990	990	990	1130	1060	1020	1190
14	1060	1060	1060	1130	1060	1060	1060	1060	1060	1060	1060	990	1060	990	990	990	990	990	990	990	990	990	990	990	1030	1130
15	990	990	930	990	990	990	990	990	990	$$$$	990	990	990	990	990	930	930	930	930	930	990	990	990	990	980	990
16	990	990	860	990	1060	1060	1060	990	990	990	990	990	990	990	930	930	930	990	930	930	930	930	930	930	970	1060
17	990	990	990	1060	1060	1060	1130	1060	990	1130	1060	990	990	930	990	930	930	930	860	860	930	930	930	930	990	1130
18	930	930	860	930	930	990	990	990	990	1060	1060	990	990	930	930	930	930	930	930	930	930	930	930	930	950	1060
19	930	990	860	930	930	990	990	930	930	930	930	930	930	930	930	860	930	860	860	860	930	990	990	930	930	990
20	980	980	1050	980	980	980	980	980	980	980	980	980	980	980	980	980	1050	1050	1050	1120	1050	1050	1050	1050	1010	1120
21	1050	1050	1050	1050	1050	1050	1050	1050	1050	1120	1120	1190	1120	1120	1120	1050	1050	980	980	980	980	980	980	910	1050	1190
22	910	980	980	1050	980	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	980	980	980	980	980	1010	1050
23															~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
AV	1020	1030	1020	1040	1050	1060	1070	1070	1070	1080	1060	1040	1030	1030	1050	1010	1020	1020	1010	1010	1020	1020	1030	990	1040	0

CORRECTED DATA

QC Checked 4/13 By: SO

METHANE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	570	1200	1270	1060	1130	1200	1200	1090	1270
4	1200	1200	1060	1200	1200	1270	1200	1270	1270	1350	1420	1200	1270	1270	1270	1200	1200	1270	1270	1270	1270	1200	1200	1200	1240	1420
5	1200	1200	1130	1200	1200	1200	1200	1420	1420	1560	1560	1490	1420	1350	1200	1200	1200	1200	1060	1060	1060	1060	1060	1130	1240	1560
6	1130	1200	1350	1200	1130	1270	1270	1200	1270	1200	1270	1270	1130	1060	990	990	990	990	990	1130	1270	1200	1200	1200	1170	1350
7	1200	1130	990	1200	1270	1130	1130	1130	1130	1130	1060	1060	990	990	990	990	990	990	1060	990	990	990	990	990	1070	1270
8	1060	1130	990	1200	1200	1200	1200	1200	990	990	1060	1060	1270	1200	1130	1130	1060	1060	1130	1130	1200	1200	1130	1130	1130	1270
9	990	990	990	990	990	1060	1060	1060	1060	1060	1060	1060	1060	1060	990	990	990	990	990	1060	990	990	990	990	1020	1060
10	1060	1060	1060	990	1060	1060	1060	1060	1130	1200	1130	1130	1060	1200	$$$$	1060	1060	1060	1060	1060	1060	1060	1060	1060	1080	1200
11	1030	1240	1240	1380	1380	1380	1520	1380	1240	1170	1240	1100	1030	1030	970	970	1030	1030	970	970	970	970	970	1030	1130	1520
12	990	990	990	990	990	990	990	990	990	930	990	990	990	930	930	930	930	930	930	930	990	990	990	990	970	990
13	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	950	950	1020	1020	1020	1020	1020	1020	1020	1020
14	1020	1020	1020	1020	1020	1020	1020	1020	1160	1160	1090	1020	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1070	1160
15	1090	1090	1090	1090	1020	1020	1090	1090	1090	1090	1090	1090	1090	$$$$	1220	1160	1160	1160	1160	1160	1160	1220	1160	1160	1120	1220
16	1160	1090	1090	1090	1090	1090	1090	1090	1090	1160	1090	1090	1160	1160	1160	1160	1090	1220	1290	1220	1360	1290	1360	1160	1160	1360
17	1220	1220	1220	1220	1090	1160	1160	1220	1220	$$$$	$$$$	1770	1630	1360	1430	1430	1430	1430	1910	1500	1500	1430	1500	1430	1390	1910
18	1430	1360	1430	1430	1360	1500	1430	1360	1500	1500	1770	1770	1430	1500	1500	1910	1500	1500	1430	1500	1430	1360	1160	1160	1470	1910
19	1160	1020	1020	1090	1090	1090	1020	1090	1090	1090	1020	1090	1090	1090	1090	1020	1090	1020	1020	950	950	1020	1020	1020	1050	1160
20	950	1020	1090	1020	1020	1090	1090	1090	1290	1290	1360	1430	1630	1570	1360	1430	1290	1500	1360	1220	1160	1090	1020	1020	1220	1630
21	950	950	950	950	1020	1020	1020	1090	1020	1090	1020	1020	950	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	1010	1050
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	820	880	880	820	870	880	880	820	860	880
25	950	950	950	950	950	950	950	950	950	950	860	880	880	820	820	820	820	820	820	820	750	820	620	820	880	950
26	820	820	820	820	820	880	820	950	1090	1020	950	820	820	820	750	750	750	750	750	750	680	750	750	820	820	1090
27	820	820	880	820	880	880	860	880	880	880	880	880	$$$$	880	880	820	880	880	880	880	950	950	950	880	880	950
28	880	950	950	950	950	880	950	950	950	880	880	950	950	880	880	880	880	950	950	950	950	950	950	950	930	950
29	950	950	950	950	950	950	950	1020	1020	1020	1220	1290	1160	1020	1020	950	950	1020	1020	1020	1020	1020	950	950	1020	1290
30	950	1020	1020	1020	1020	1020	1020	1090	1090	1020	1020	950	1020	1020	1020	1020	1090	1090	950	1020	1020	1020	1020	1020	1020	1090
31	1020	1020	1020	1020	1020	1020	1020	1020	1020	950	950	1020	1020	1020	950	1020	1020	1020	1020	1020	1020	1020	1020	1020	1010	1020
AV	1050	1060	1050	1070	1070	1090	1090	1110	1120	1110	1130	1140	1130	1100	1070	1080	1050	1050	1090	1070	1070	1070	1060	1050	1080	0

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	[illegible]	[illegible]	1250	1310	1370	1250	1250	1250	1250	1370	1290	1370
5	1280	1530	1470	1410	1600	1470	1600	1600	1340	1410	1470	1530	[illegible]	1470	1280	1210	1280	1210	1280	1280	1020	1150	1090	1090	1350	1600
6	780	1160	1490	1420	1230	1360	1100	1230	1040	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1100	1040	970	1040	970	1040	1040	1120	1490
7	1100	1040	1040	1040	1100	1040	1100	1100	1230	1290	1230	1040	1100	1100	1290	1160	1040	1040	1040	1040	1040	1040	1040	2520	1160	2520
8	1100	1100	1040	1040	1040	1040	1040	1040	1230	1230	1040	1040	1100	1040	1040	1040	1100	1040	1100	1040	1040	1040	650	2520	1110	2520
9	1040	1040	1040	1040	1040	1040	1040	1040	1040	1100	1100	1040	1040	1100	1100	1100	1100	1160	1100	1100	1160	1100	1040	1040	1070	1160
10	1040	1040	1100	1100	1100	1100	1100	1160	1230	1290	1360	[illegible]	1290	1230	1160	1230	1230	1230	1160	1230	1230	1160	1230	1160	1180	1340
11	1210	[illegible]	1210	1150	1150	1150	1150	1150	1210	1340	1280	1280	1210	1150	1210	1210	1210	2170	1280	1410	1530	1530	1340	1210	1290	2170
12	1210	1470	1280	1150	1210	1090	1150	1090	1090	1150	1090	1020	1020	1020	1020	1020	1090	1090	1210	1090	1150	1090	1090	1090	1120	1470
13	1020	1150	1020	1090	1090	1150	1090	1210	1090	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1090	1090	1090	1210	1340	1080	1340
14	1340	1150	1530	1150	1210	1150	1150	1210	1090	1090	1050	1020	1020	1020	1020	1020	1020	1020	1020	1090	1210	1020	1020	1150	1120	1530
15	1210	1020	1600	1020	1210	1090	1150	1090	1090	1090	1150	1150	1090	1090	1090	1020	1020	1020	1090	1020	1020	1090	1090	1150	1110	1600
16	1090	1090	1210	1050	1210	1150	1210	1090	1090	1070	1090	1020	1150	1090	1090	1090	1150	1150	1090	1090	1020	1020	1020	1020	1100	1210
17	1090	1090	1280	1210	1280	1210	1340	1210	1150	1410	1280	1210	1090	1020	1090	1150	1150	1020	1020	1020	1600	1090	1150	1090	1180	1600
18	1090	1020	1210	1050	1020	1020	1020	1020	1090	1210	1280	1150	1210	1090	1090	1090	1090	1090	1090	1210	1150	1090	1090	1150	1110	1290
19	1090	1150	1790	1050	1020	1090	1090	1090	1020	1090	1090	1020	1020	1020	1020	1090	960	1020	1020	1090	1150	1340	1410	1210	1120	1790
20	1140	1070	1010	1010	1010	1010	1010	1010	1010	1010	1070	1070	1070	1070	1140	1140	1330	1330	1260	1260	1140	1200	1200	1140	1110	1330
21	1080	1080	1020	960	1020	1080	1020	1080	1140	1200	1200	1260	1200	1140	1140	1140	1080	1020	1020	1020	1020	1020	1020	1020	1090	1260
22	1020	1020	1020	1140	1020	1020	1020	1020	1020	1020	1020	1080	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1030	1140
23	1020	1020	1200	1020	1020	1020	1080	1080	1080	1080	1080	1080	1080	1080	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	[illegible]	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1070	1200
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/ML	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	/M	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
AV	1100	1120	1240	1120	1140	1120	1130	1130	1120	1170	1160	1120	1100	1100	1110	1100	1120	1160	1120	1120	1150	1120	1100	1280	1140	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

TOTAL HYDROCARBONS (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	1110	1240	1310	1310	1310	1310	1310	1270	1310
4	1310	1310	1510	1310	1310	1510	1240	1310	1240	1570	1640	1510	1640	1440	1440	1310	1310	1440	1440	1440	1510	1380	1510	1310	1410	1640
5	1310	1240	1310	1240	1240	1180	1310	1700	1770	1960	1960	1900	1770	1570	1310	1380	1380	1380	1110	1310	1110	1110	1180	1180	1410	1960
6	1180	1440	1770	1310	1180	1380	1510	1380	1380	1440	1510	1510	1310	1310	1110	1050	1050	1180	1110	1240	1310	1440	1310	1310	1320	1770
7	1310	1240	1570	1240	1240	1240	1180	1180	1240	1240	1240	1110	1110	1110	1110	1180	1240	1180	1110	1050	1050	1050	1180	1050	1190	1570
8	1110	1310	1570	1510	1440	1510	1510	1510	1110	1050	1180	1180	1380	1380	1310	1310	1310	1180	1310	1310	1310	1310	1310	1380	1320	1570
9	1110	1180	1110	1240	1110	1180	1110	1180	1110	1110	1110	1110	1110	1180	1110	1110	1110	1110	1110	1110	1050	1050	1110	1110	1120	1240
10	1050	1110	1110	1240	1110	1050	1110	1110	1180	1310	1180	1310	1180	1440	$$$$	1180	1180	1180	1240	1180	1180	1180	1180	1180	1180	1440
11	1210	1600	1280	1920	2110	1920	2240	1790	1660	1660	1600	1410	1150	1090	1090	1090	1090	1150	1090	1090	1020	1020	1020	1090	1390	2240
12	1050	1050	1050	1050	1050	1050	1050	1230	1050	990	1050	1110	1050	1050	990	990	1050	1050	1170	1050	1050	1050	1110	1110	1060	1230
13	1140	1140	1200	1140	1070	1070	1070	1070	1200	1140	1070	1140	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1140	1140	1100	1200
14	1070	1070	1070	1070	1070	1140	1140	1200	1450	1390	1260	1140	1200	1260	1260	1260	1260	1260	1260	1260	1260	1260	1200	1200	1210	1450
15	1200	1200	1260	1260	1140	1260	1140	1260	1200	1200	1260	1260	1260	$$$$	1390	1330	1260	1330	1330	1390	1260	1450	1390	1390	1280	1450
16	1260	1260	1260	1200	1200	1260	1330	1390	1260	1260	1260	1260	1260	1390	1390	1330	1260	1450	1580	1450	1580	1580	1520	1390	1350	1580
17	1450	1390	1390	1330	1330	1330	1330	1390	1890	$$$$	$$$$	2270	1890	1640	1770	2020	2210	2210	2270	2270	2150	2270	2210	2080	1820	2270
18	2080	1960	2150	2210	2020	2340	1960	2210	2340	2400	2590	2530	2270	2020	2340	2530	2340	2530	2270	2340	2340	2080	1770	1700	2220	2590
19	1640	1580	1640	1830	1580	1580	1700	1640	1640	1700	1830	1960	1770	1830	1770	1700	1770	1890	1640	1580	1520	1640	1700	1640	1700	1960
20	1520	1580	1640	1700	1700	1640	1520	1640	1770	2020	2080	2460	2650	2650	2210	2340	2270	2340	2150	1890	1830	1700	1640	1700	1940	2650
21	1580	1640	1580	1560	1640	1390	1700	1770	1520	1830	1580	1330	1330	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	$$$$	1570	1830
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	1200	1580	1390	1450	1450	1390	1520	1450	1430	1580
25	1520	1520	1520	1450	1390	1450	1450	1450	1390	1390	1330	1390	1390	1390	1390	1390	1390	1330	1390	1450	1390	1580	1450	1580	1430	1580
26	1450	1450	1450	1450	1450	1450	1450	1580	1830	1770	1580	1330	1330	1330	1330	1330	1330	1330	1390	1390	1390	1330	1390	1580	1440	1830
27	1450	1450	1390	1390	1390	1330	1390	1450	1450	1520	1390	1450	$$$$	1580	1390	1520	1580	1330	1260	1330	1640	1390	1450	1330	1430	1640
28	1390	1700	1640	1450	1450	1390	1520	1450	1390	1330	1330	1700	1450	1330	1260	1260	1260	1330	1390	1390	1390	1450	1450	1260	1420	1700
29	1330	1450	1450	1330	1450	1450	1450	1390	1450	1450	1450	1770	2270	1890	1390	1890	1580	1520	1580	1450	1390	1450	1390	1450	1530	2270
30	1390	1450	1520	1390	1520	1640	1450	1700	1580	1450	1520	1450	1450	1450	1330	1260	1700	1830	1390	1520	1390	1580	1640	1520	1500	1830
31	1390	1520	1520	1830	1770	1520	1450	1450	1450	1390	1450	1390	1450	1890	1450	1580	1640	1520	1770	1580	1580	1580	1580	1640	1560	1890
AV	1340	1390	1440	1430	1400	1410	1410	1460	1460	1480	1480	1520	1490	1490	1400	1430	1430	1450	1430	1420	1400	1410	1410	1390	1430	0

CORRECTED DATA

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/10/75 By: SO

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.6	1.2	1.5	1.5	.6	1.4	.3	1.2	1.0	1.5
5	.5	.5	.5	.4	1.0	1.1	1.6	.7	.4	.2	.3	1.1	$$$$	1.3	.3	1.4	.8	.4	1.3	1.0	.5	1.5	.4	.4	.8	1.6
6	.7	.2	.9	.6	.7	.5	.5	.2	.4	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.5	1.2	.8	1.7	1.4	1.2	1.7	.8	1.7
7	.6	.5	1.1	.6	.6	.5	.9	1.1	1.3	.4	.2	.1	.5	.5	.1	.8	.1	.1	.1	.1	1.3	.5	1.1	.6	.6	1.3
8	.5	1.2	.1	1.3	1.2	.6	.4	.4	.8	1.5	1.1	.7	.2	.5	.9	.4	1.1	.9	1.1	.2	.5	.1	.4	.8	.7	1.5
9	.8	.5	.2	.4	.5	.1	.4	.5	.7	.4	.9	.4	.5	.1	.7	.1	.4	.9	1.7	1.5	.1	.2	.2	.2	.5	1.7
10	.2	.2	1.0	.5	.5	.8	.2	.5	.7	.8	.3	$$$$	.5	.2	.3	.3	.5	1.5	1.2	1.3	.5	.3	.6	.1	.6	1.5
11	.5	$$$$	1.1	.9	.5	1.0	.5	.2	.3	.7	.2	.5	1.0	.1	.1	.2	.5	.8	1.7	.8	.6	.7	.6	.6	.6	1.7
12	3.0	2.0	.6	.7	.6	.5	.3	.2	.3	.8	.9	.3	.2	.7	.6	.2	.3	.3	.5	.5	.5	.3	.5	.7	.6	3.0
13	.2	.3	.2	.3	.1	.1	.3	.5	1.0	.1	.2	.2	.1	.1	.2	.1	.1	.1	.2	.2	.1	.9	1.4	1.1	.4	1.4
14	2.2	1.1	1.0	1.5	1.4	.5	1.7	1.5	.8	.3	.6	.7	.3	.2	.5	.3	.3	.5	.3	.6	1.1	.8	.3	.5	.8	2.2
15	1.0	.3	.6	.5	.3	.3	.2	.8	.2	.2	.5	.9	.8	1.4	.5	.2	.1	.3	1.0	.3	.2	.2	.7	.3	.5	1.4
16	.6	.2	.3	.3	.5	.2	.9	.8	.1	.3	.3	.1	.3	.2	.5	.2	.1	.2	.2	.2	.3	.5	.1	.2	.3	.9
17	.5	.3	.6	.1	.7	.5	.6	.1	.2	.3	.7	.1	.6	.1	.1	.5	.3	.1	.1	.1	.7	.6	.5	.3	.4	.7
18	.6	.2	.3	.3	.2	.1	.2	.2	.2	.2	.2	.3	.3	.6	.5	.3	.6	.5	.5	.5	.5	.3	.3	.3	.4	.6
19	.3	.5	1.0	.2	.3	.3	.5	.2	.1	.5	.5	.1	.1	.1	.1	.2	.1	.2	.1	.1	.3	.3	.2	.6	.3	1.0
20	1.1	.6	.2	.1	.1	.2	.1	.5	.2	.2	.2	1.2	.4	.4	.2	.4	.2	.4	.7	.2	.2	.2	.2	.2	.4	1.2
21	.2	.2	.1	.1	.2	.1	.4	.1	.1	.9	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.9
22	.1	.2	.2	.4	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.4
23	.2	.2	.2	.1	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.2	.2
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
31	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
AV	.7	.5	.6	.5	.5	.4	.5	.5	.4	.5	.4	.4	.4	.4	.3	.4	.4	.5	.7	.5	.5	.6	.5	.5	.5	.0

CARBON MONOXIDE (MILLIGAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

CORRECTED DATA

JANUARY 1975

QC Checked 4/11/75 By: SD

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.6	.6	.6	.4	.4	.2	.2	.4	.6
4	.2	.2	.5	.4	.4	.5	.4	.4	.4	.2	.4	.4	.4	.4	.4	.5	.2	.4	.2	.4	.7	.4	.4	.6	.4	.7
5	.4	.2	.4	.2	.2	.2	.2	.4	.4	.5	.2	.4	.2	.4	.1	.6	1.1	.5	.2	.5	.5	.2	.4	.1	.4	1.1
6	.1	.5	.6	.1	.2	.7	1.0	.4	.2	.4	.4	.2	.2	.2	.5	.4	.1	.4	.1	.1	.7	.5	.2	.2	.4	1.0
7	.1	.1	.6	.1	.1	.4	.2	.2	.1	.2	.4	.1	.1	.1	.1	.1	.4	.5	.5	.1	.1	.1	.2	.2	.2	.6
8	.2	.2	.2	.2	.4	.6	.4	.2	.1	.1	.1	.1	.5	.7	.6	.5	.2	.1	.1	.2	.4	.1	.5	.2	.3	.7
9	.1	.4	.2	.4	.1	.5	.1	.5	.4	.4	.4	.1	.1	.2	.2	.1	.4	.2	.1	.1	.1	.1	.4	.4	.3	.5
10	.1	.1	.4	.4	.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	$$$$	.2	.1	.2	.4	.1	.2	.1	.2	.6	.2	.6
11	.7	.5	.5	1.2	1.1	.2	.2	.2	.4	.5	.2	.2	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.3	1.2
12	.3	.2	.1	.1	.1	.1	.2	.5	.5	.3	.2	.2	.2	.1	.1	.1	.1	.2	.5	.3	.1	.3	.8	.7	.3	.8
13	.4	.2	.4	.1	.2	.4	.4	.4	.6	.5	.2	.8	.1	.5	.1	.2	.1	.1	.4	.1	.2	.2	.4	.5	.3	.8
14	.6	.6	.1	.1	.1	.4	.5	.6	.9	.4	.2	.1	.1	.1	.5	.4	.6	.7	.2	.1	.2	.4	.2	.2	.3	.9
15	.1	.2	.4	.4	.6	.6	.1	.6	.4	.6	.4	.5	.7	$$$$	.5	.1	.4	.6	.8	.4	.4	.9	.5	.8	.5	.9
16	.1	.1	.5	.4	1.1	.7	.9	.6	.7	.4	.6	1.1	.2	.4	.4	.4	.1	.1	.2	.6	1.1	.4	.4	.5	.5	1.1
17	.5	.5	.5	.3	.3	.5	.5	.6	.1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.4	.6
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.4	.3	.0

NITROGEN OXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

QC Checked 4/11/75 By: SD

CORRECTED DATA

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	START	——→	0	0	10	10	0	0	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	0	10	10	10
6	10	10	10	10	10	10	10	10	10	~~<$$$$~~	~~$$$$~~	~~$$$$~~	CA	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	0	0	0	0	0	0	10	10
7	10	10	0	0	10	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
8	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	10
10	0	0	0	0	0	0	0	0	0	10	0	MT	10	10	10	10	0	0	10	10	10	10	10	10	10	10
11	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	~~<$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$>~~	10	20
12	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
13	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
14	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
15	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
16	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
17	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
18	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
19	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
20	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
21	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
22	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
23	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
24	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
25	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
26	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
27	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
28	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
29	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
30	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
31	~~<$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	IM	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$>~~	0	$$$$
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	0	0	0	0	10	0

OXIDES OF NITROGEN (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CORRECTED DATA

QC Checked 4/11/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	20	20	20	30	20	20	20	30	20	30
5	30	20	20	30	30	20	30	40	20	20	30	30	30	20	30	20	20	20	20	20	20	20	10	20	20	40
6	30	10	30	30	20	20	20	20	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	10	10	10	10	10	0	20	30
7	10	10	10	10	10	10	10	10	20	20	10	0	10	10	10	10	10	10	10	10	10	10	10	20	10	20
8	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	0	10	0	10	0	10	20
9	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	$$$$	20	20	20	20	10	10	10	20	20	20	20	10	10	20
11	20	20	20	30	20	20	20	20	30	20	30	20	20	20	20	20	10	30	30	$$$$	$$$$	$$$$	$$$$	$$$$	20	30
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	20	10	10	20	10	10	10	20	20	20	20	10	10	10	20	10	10	10	20	10	10	10	10	10	10	0

CORRECTED DATA

QC Checked 4/4/75 by: GD

OZONE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	80	70	70	60	60	50	50	50	60	80
5	50	40	40	40	30	30	30	30	40	40	40	60	80	80	70	80	80	70	60	60	80	90	90	70	60	90
6	50	60	60	70	50	50	50	60	70	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	90	80	70	60	70	60	60	60	90
7	50	50	40	40	40	40	40	40	30	40	60	80	100	110	90	110	140	140	140	140	130	130	120	110	80	140
8	110	110	110	90	90	90	90	100	90	110	120	130	140	150	150	150	140	100	110	100	100	90	90	90	110	150
9	90	80	70	80	80	70	70	70	70	70	90	120	130	120	130	130	140	110	80	80	80	70	70	70	90	140
10	70	60	60	60	50	60	60	40	50	70	80	$$$$	100	110	130	140	130	100	80	70	60	70	100	80	80	140
11	70	70	70	60	60	60	70	60	60	80	80	90	100	110	120	120	110	90	70	60	50	50	60	60	80	120
12	60	60	70	60	70	80	60	70	80	90	120	150	160	170	170	160	140	130	110	90	90	80	90	80	100	170
13	80	80	80	80	80	90	90	90	110	140	140	150	170	180	170	170	160	160	160	160	150	140	130	120	130	180
14	110	140	120	130	140	140	130	130	130	130	130	150	170	180	180	180	160	140	140	140	140	150	140	140	140	190
15	130	140	120	140	140	130	120	120	120	120	120	150	170	170	170	160	160	160	140	120	110	120	120	120	140	170
16	110	120	120	110	110	110	110	110	120	120	130	140	140	140	150	150	140	120	100	90	90	90	90	80	120	150
17	70	60	60	60	50	60	50	50	60	70	70	80	90	120	100	120	150	170	170	160	140	130	120	120	100	170
18	120	120	120	110	110	110	100	80	90	90	100	120	140	140	140	140	140	120	110	100	100	110	110	110	110	140
19	90	90	100	100	100	130	120	120	110	130	150	160	180	180	190	190	180	170	160	150	130	120	120	120	140	190
20	130	120	120	120	120	100	100	100	100	100	100	110	120	120	120	120	120	110	100	90	80	80	80	90	110	130
21	90	80	80	80	80	70	80	70	70	60	80	80	90	100	100	100	160	170	160	160	170	170	170	170	110	170
22	160	170	180	200	200	190	180	180	180	160	150	170	180	180	190	190	200	190	180	170	170	160	130	130	170	200
23	120	110	100	100	90	100	100	90	80	90	110	120	140	150	150	150	150	150	150	140	140	140	130	140	120	150
24	140	120	120	120	110	110	120	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	120	140
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	90	90	90	90	90	90	90	90	90	90	110	120	130	140	140	140	140	130	120	110	110	110	100	100	110	0

23

CORRECTED DATA

ENTERED 42
range: 24.02 / 26.02

QC Checked 3-26-75 by: D.G.

①

BAROMETRIC PRESSURE
(mm of Hg)

DATA FOR MONTH OF Dec 1974 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6								[illegible]	[illegible]	[illegible]	2496	2494	2492	2492	2486	2486	2486	2486	2488	2488	2490	2490	2492	2492				
7	2490	2488	2472	2446	[illegible]									[illegible]														
8														[illegible]														
9														[illegible]														
10													2482	2478	2476	2476	2476	2474	2480	2482	2482	2484	2484	2484				
11	2484	2484	2484	2482	2482	2482	2482	2482	2482	2482	2476	2474	2470	2470	2470	2468	2468	2470	2470	2470	2472	2474	2474	[illegible]				
12	2474	2476	2476	2472	2473	[illegible]	2476	2482	2484	2486	2486	2484	2476	2476	2476	2476	2476	2478	2478	2476	2480	2480	2478	2478				
13	[illegible]	[illegible]	2465	2465	[illegible]	2462	2462	2466	2468	2468	2464	2464	2464	2464	2466	2470	2472	2474	2476	2478	2480	2482	2484	2486				
14	2482	2483	2485	2490	2492	[illegible]	2490	2491	2491	2496	2490	2490	2486	2484	2480	2478	2472	2472	2476	2478	[illegible]	[illegible]	2472	2472				
15	2470	2470	2470	[illegible]	2470	2472	2478	2478	2482	2482	2484	2482	2478	2470	[illegible]	2474	2474	2472	2478	2480	2482	2483	2484	2484				
16	[illegible]	2490	2498	[illegible]	2496	2490	2492	2494	[illegible]	2490	2494	2492	2491	2488	2486	2486	2486	2480	2477	[illegible]	[illegible]	2475	2490	[illegible]				
17	[illegible]	[illegible]	2466	[illegible]	[illegible]	2456	2482	2490	2472	2476	2474	2472	[illegible]	[illegible]	2464	2464	2466	2466	2470	[illegible]	[illegible]	[illegible]	2470	[illegible]				
18	[illegible]	[illegible]	[illegible]	2474	[illegible]	[illegible]	2476	2470	[illegible]	[illegible]	[illegible]	[illegible]	2480	2476	2474	2472	2470	2470	2470	2470	2470	2470	2470	2470				
19	[illegible]	2472	2472	2472	[illegible]	[illegible]	2471	2478	2478	2474	2478	2478	2476	2472	2474	2474	2476	2480	2482	2484	2482	2484	[illegible]	[illegible]				
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2474	2478	[illegible]	2478	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2466	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2460	[illegible]	[illegible]	[illegible]				
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2462	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2460	2458	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2462	[illegible]	[illegible]				
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2500	2512	2512	2512	2506	[illegible]	2504	[illegible]	2504	2504	2506	2506	2508	2510	2512	2514				
25	2514	2516	2516	2516	2514	2514	2514	2514	2514	2514	2514	2510	2504	2498	2496	2496	2492	2492	2492	2492	2492	2492	2494	2494				
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2492	2492	2492	2492	2488	2486	2484	2480	2478	2472	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
27	[illegible]	2496	[illegible]	[illegible]	2500	2504	2504	2502	2502	2500	2500	2497	2494	2490	2488	2486	2486	2484	2484	2482	[illegible]	[illegible]	[illegible]	[illegible]				
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2482	2482	2480	2477	2474	2472	2472	2472	2472	2472	2472	2474	[illegible]	2474	2478				
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2482	2486	2474	2477	2482	2482	2484	2486	2486	2486	2488	2490	2492	2494	2496				
30	[illegible]	[illegible]	2496	[illegible]	[illegible]	2494	2492	2494	2496	2498	2496	2490	2486	2482	2478	2478	2478	2480	2484	2486	2487	2492	2494	2496				
31	2493	2500	2502	2502	2504	2500	2502	2510	2512	2516	2516	2514	2512	2510	2508	2508	2508	2510	2512	2514	2516	2518	2520	2522				
AVERAGE																												

23

range [illegible]

CORRECTED DATA

ENTERED 42

①

QC Checked 3-25-75 By: DG.

BAROMETRIC PRESSURE
(mm of Hg)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A6
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1	2522	2522	2522	2522	2520	2513	2513	2514	2518	2516	2512	2506	2506	2496	2492	2494	2490	2486	2484	2484	2484	2484	2486	2484				1
2	2492	2494	2494	2492	2496	2498	2490	2492	2491	2494	2498	2496	2491	2492	[illegible]	2496	2498	2502	2500	2502	2504	2506	2510	2510				
3	2510	2510	2510	2512	2512	2514	2516	2516	2520	2520	2518	2514	2516	2514	2506	2506	2504	2506	2506	2508	2510	2510	2510	2510				
4	2508	2506	2506	2504	2500	2500	2498	2496	2496	2494	2490	2488	2480	[illegible]	[illegible]	2476	2478	2476	2480	2480	2482	2480	2470	2490				
5	2490	2492	2494	2494	2496	2498	2496	2500	2502	2506	2492	2494	2470	2486	2486	2484	2482	2480	2484	2484	2482	2480	2480	2480				
6	2480	2478	2478	2476	2476	2475	2474	2474	2474	2475	2472	2468	2466	2460	2458	2456	2456	2454	2454	2454	2451	2456	2456	2458				
7	2458	2458	2455	2460	2462	2460	2465	2460	2462	2466	2464	2464	2466	2460	2466	2464	2464	2468	2470	2472	2472	2474	2474	2472				
8	2450	2445	[illegible]	[illegible]	2452	2453	2452	2450	2448	2446	2440	2438	2436	2430	2426	2426	2424	2420	2421	2424	2424	2426	2426	2428				
9	2428	2428	2430	2432	2434	2434	2436	2440	2442	2443	2443	2446	2444	2444	2444	2444	2446	2448	2452	2454	2450	2455	2458	2458				
10	2450	2458	2460	2460	2458	2460	2455	2458	2460	[illegible]	2460	2454	2452	2450	2448	2448	2448	2450	2452	2454	2454	2456	2456	2458				
11	2460	2460	2460	2460	2460	2462	2464	2466	2470	2472	2476	2474	2472	2470	2473	2477	2476	2482	2486	2492	2496	2500	2502	2504				
12	2508	2512	2516	2519	2518	2519	2522	2522	2526	2526	2524	2522	2520	2518	2516	2516	2516	2516	2518	2520	2520	2520	2518	2518				
13	2518	2520	2520	2520	2520	2520	2522	2522	2522	2522	2522	2520	2516	2514	2514	2512	2512	2512	2512	2514	2512	2512	2512	2512				
14	2512	2510	2510	2510	2510	2510	2510	2510	2510	2512	2512	2512	2504	2502	2500	2498	2498	2500	2506	2506	2506	2502	2502	2502				
15	2502	2502	2502	2504	2504	2504	2504	2504	2502	2506	2502	2502	2498	MT	2496	2492	2492	2494	2496	2494	2494	2500	2502	2502				
16	2502	2502	2502	[illegible]	[illegible]	2502	2502	2502	2502	2502	2502	2500	2496	2492	2490	[illegible]	2498	2496	2492	2492	2496	2502	2502	2502				
17	2504	2504	2504	2503	2502	2504	2503	2510	2510	2510	2504	2503	2504	2502	2500	2498	2498	2500	2502	2502	2504	2500	2506	2506				
18	[illegible]	2502	2502	2504	2504	2502	2501	2500	2500	[illegible]	2496	2491	2496	2496	2498	2492	2492	2492	2492	2494	2498	2502	2502	2504				
19	2506	2508	2510	2510	2512	2512	2514	2516	2518	[illegible]	2516	2512	2508	2502	2500	2498	2498	2495	2495	2500	2500	2502	2502	2500				
20	2498	[illegible]	2492	2496	2492	2492	2490	2490	2488	2480	2485	2482	2478	2472	[illegible]	2466	2466	[illegible]	2466	2466	2466	2465	2466	2466				
21	2466	2463	2465	2468	2470	2472	2472	2494	2500	2498	2500	2504	2504	2502	2502	2504	2506	2508	2510	2512	2514	2514	2518	2520				
22	2520	2520	2522	2522	2524	2524	2524	·	—	[illegible]	—	—	2516	2514	2512	2512	2512	2512	2514	2511	2511	2511	2511	2511				
23	[illegible]	[illegible]	2514	2510	2512	2512	2512	·	2512	2510	2502	2502	2498	2496	2492	2494	2491	MT	[illegible]	2496	2494	[illegible]	2476	[illegible]				
24	2490	[illegible]	2483	2482	2481	2482	2482	2480	2480	2481	2482	2480	2480	2480	2478	2473	2473	2471	[illegible]	2471	2470	2471	2471	2470				
25	2476	2473	2472	2470	2473	2471	2470	2468	2467	2471	2470	2470	2466	2466	2466	2460	2460	2460	[illegible]	2460	2462	2462	2462	2462				
26	[illegible]	[illegible]	2452	[illegible]	2452	2450	2446	2444	2443	2444	2442	2436	2432	2430	2432	2433	2426	2423	[illegible]	2439	2442	2442	2450	2454				
27	2450	[illegible]	2452	[illegible]	[illegible]	2460	[illegible]	2462	2462	2462	2460	2456	2452	2452	2452	2450	2450	2450	2452	2452	2452	2452	2452	[illegible]				
28	2442	2443	[illegible]	2444	2442	2446	2440	2440	2444	2446	2449	2452	2454	2456	2458	2462	2466	2470	2470	2470	2480	2484	2486	[illegible]				
29	2488	[illegible]	2490	2470	2480	2482	2482	2483	2483	2482	2476	2482	2478	2474	2472	2473	2473	2470	2472	2474	2475	2474	2478	[illegible]				
30	2488	2480	[illegible]	2482	2482	2484	2482	2480	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
31	—	—	—	—	—	—	—	—	—	—	—	—	[illegible]	—	—	—	—	—	—	—	—	—	—	—				
AVERAGE																												

STATION A-7

WIND SPEED -10m
MPH

WHITE RIVER SHALE PROJECT, UTAH
NOVEMBER, 1974
SITE A 7
AEROVIRONMENT INC.
REPORT PREPARED BY G.G.

CORRECTED DATA

QC Checked 4/1/75 By: JCK

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	←—— [illegible] ——→				4.5	4.5	4.5	2.0	1.0	1.0	1.5	1.0	1.0	1.5	1.0	.5	.5	2.5	4.0	4.5	4.5	4.5	2.5	1.5	2.5	4.5
12	3.5	2.0	3.0	2.5	3.0	3.5	2.5	2.5	3.0	1.5	2.0	2.0	3.0	3.5	3.0	3.5	3.5	3.5	2.0	2.5	3.5	5.0	3.5	3.0	3.0	5.0
13	2.5	4.0	3.0	3.0	3.0	3.5	4.0	4.0	5.0	5.0	4.0	3.5	4.5	5.5	6.5	5.5	5.0	5.0	8.0	11.5	4.0	3.5	4.5	3.5	4.5	11.5
14	4.0	6.0	3.0	2.0	2.5	3.5	3.5	3.5	3.0	3.0	3.0	2.5	3.5	2.5	3.0	7.5	4.5	4.5	2.0	2.5	2.5	3.0	2.0	2.5	3.5	7.5
15	4.5	5.5	3.5	4.0	5.0	3.5	2.5	3.0	3.5	5.0	3.5	3.5	5.5	3.0	5.0	4.5	4.0	3.5	2.0	3.0	2.5	2.5	2.5	3.0	3.5	5.5
16	1.5	2.0	3.0	3.0	2.5	3.5	3.0	2.0	2.5	1.5	2.0	3.5	4.0	5.0	5.0	4.5	1.5	3.5	4.0	2.5	3.5	4.5	2.0	2.5	3.0	5.0
17	2.5	2.5	3.5	3.0	3.0	3.0	2.0	2.5	.5	1.5	2.0	3.0	3.5	3.5	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	1.0	2.5	3.5
18	.5	1.0	1.5	3.5	3.5	4.0	4.5	3.5	2.5	3.0	4.0	2.0	2.0	3.5	5.0	6.0	7.0	11.0	22.0	18.0	16.0	13.5	13.5	8.5	6.5	22.0
19	8.0	4.5	2.5	3.5	5.0	7.0	4.0	3.0	4.0	5.5	5.5	7.5	8.5	10.5	11.5	8.0	7.5	3.5	1.5	1.0	.5	1.0	.5	1.0	4.5	11.5
20	1.0	1.5	3.0	4.5	3.5	1.5	2.5	2.5	2.5	1.5	2.5	3.5	5.0	5.5	4.5	2.0	.5	1.0	1.5	.5	1.0	2.5	3.5	3.5	2.5	5.5
21	2.0	3.0	2.0	2.5	3.0	3.0	3.0	1.0	.5	[illegible]	1.0	3.5	4.0	4.0	3.5	2.0	2.5	1.5	1.5	2.5	4.0	3.0	3.5	4.0	2.5	4.0
22	1.5	.5	2.0	2.5	3.0	4.5	2.5	2.5	1.5	.5	1.5	2.5	5.5	4.0	3.5	3.5	6.5	10.5	11.5	11.5	6.5	3.5	10.0	5.5	4.5	11.5
23	4.5	6.5	5.0	4.5	4.5	5.0	3.5	4.0	4.5	3.0	4.5	5.0	5.5	4.5	5.0	5.0	2.0	2.5	3.0	2.0	2.0	3.5	2.5	3.5	4.0	6.5
24	4.0	2.0	1.5	2.0	1.0	2.5	2.5	2.5	2.0	1.5	2.5	2.0	2.0	3.5	3.0	3.5	5.0	2.0	2.0	2.0	1.5	1.5	1.5	1.5	2.5	5.0
25	2.0	2.5	1.5	2.0	2.5	2.5	2.5	2.0	2.0	1.5	3.5	4.0	4.0	5.0	1.5	3.0	4.0	3.5	8.0	9.5	4.5	3.5	2.5	3.5	3.5	9.5
26	5.5	5.5	5.0	3.0	3.5	3.0	4.0	4.0	3.5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	4.0	5.5
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	3.0	3.5	3.0	3.0	3.5	3.5	3.0	3.0	2.5	2.5	3.0	3.0	4.0	4.5	4.0	4.0	3.5	4.0	5.0	5.0	4.0	4.0	3.5	3.0		

WIND SPEED-10m
mph

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 7

AEROVIRONMENT INC.

REPORT PREPARED BY Z.V

QC Checked 4/4/75 By: JHB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	6.5	2.5	2.0	2.0	4.0	3.0	3.0	2.5	2.0	[illegible]	.5	3.0	6.5
13	3.5	3.5	3.5	4.0	6.0	8.5	5.0	2.0	6.5	8.5	8.0	11.5	14.5	20.5	19.0	15.5	12.0	13.5	11.5	8.5	6.0	3.5	1.5	2.0	8.5	20.5
14	4.5	5.0	4.5	4.0	2.5	3.5	3.5	4.5	3.0	4.0	2.0	3.5	4.0	3.5	4.0	3.5	2.5	2.0	6.5	10.0	11.5	8.5	6.5	4.5	4.5	11.5
15	8.5	5.0	3.5	3.5	2.0	2.5	4.5	3.5	2.0	3.5	4.0	6.5	7.0	6.5	6.5	3.5	8.5	6.5	6.0	4.0	3.5	3.0	8.0	5.5	5.0	8.5
16	5.5	3.5	2.5	4.5	2.0	2.5	4.5	2.0	5.0	2.0	4.0	6.5	2.5	2.5	3.5	4.0	3.0	3.5	2.0	4.5	2.5	4.0	2.0	2.0	3.5	6.5
17	3.0	2.0	2.0	3.5	4.0	4.5	3.5	3.5	3.5	3.0	2.5	2.5	3.5	5.0	11.5	7.0	16.0	18.0	8.0	4.0	4.0	3.5	4.0	2.5	5.0	18.0
18	2.5	3.0	3.0	3.5	2.5	1.5	1.5	2.0	2.0	2.5	2.5	3.0	2.5	3.5	2.5	2.5	1.5	2.5	.5	2.5	2.5	2.5	3.5	4.0	2.5	4.0
19	3.0	2.5	2.5	3.5	4.5	6.5	3.5	5.5	5.5	4.5	6.5	5.5	14.5	19.0	20.0	18.0	16.0	11.0	8.5	5.5	4.0	2.5	4.5	7.5	7.5	20.0
20	9.0	4.5	1.5	2.0	1.5	.5	.5	.5	1.5	1.5	1.0	1.5	2.5	7.0	6.5	5.0	3.5	6.5	3.0	2.5	2.0	1.0	2.0	1.0	3.0	9.0
21	4.5	3.5	5.0	3.0	2.0	2.0	.5	1.0	1.0	2.0	3.5	1.0	2.0	1.5	1.5	4.0	12.0	14.5	15.5	11.5	19.0	25.0	20.0	19.0	7.5	25.0
22	19.0	22.0	22.0	20.5	18.0	18.5	14.5	8.5	3.0	3.0	11.5	20.0	19.0	17.0	18.0	20.0	17.0	10.5	6.5	3.5	5.0	3.5	2.0	3.5	13.0	22.0
23	1.5	2.0	1.5	2.0	1.5	1.5	.5	1.5	.5	1.0	1.5	2.0	1.5	7.0	5.0	7.0	8.0	10.0	13.0	8.0	7.0	7.0	7.0	7.0	4.5	13.0
24	4.0	2.0	3.5	4.0	2.0	1.5	1.5	1.5	1.5	2.0	2.0	3.5	3.0	3.5	3.0	3.0	3.5	9.5	6.0	.5	2.0	4.0	3.5	3.5	3.0	9.5
25	3.5	4.0	3.5	2.0	3.5	2.0	1.5	.5	.5	1.5	2.0	3.5	3.5	4.0	4.5	3.5	5.0	2.5	2.5	5.0	2.0	3.5	2.5	2.5	3.0	5.0
26	3.5	1.5	2.5	4.0	2.0	2.0	2.5	3.5	4.0	2.0	2.0	4.0	4.5	5.0	5.0	2.5	5.5	2.5	4.5	2.0	.5	2.0	3.5	3.5	3.0	5.5
27	.5	1.5	4.5	3.5	2.0	3.0	3.5	2.5	3.5	2.0	2.5	2.5	2.5	2.5	4.5	2.0	3.0	.5	1.5	1.5	1.0	4.0	3.5	2.0	2.5	4.5
28	3.5	.5	2.5	2.0	2.5	2.5	.5	.5	.5	.5	1.5	2.0	1.5	1.5	2.5	1.5	1.0	2.0	3.5	1.5	2.5	1.5	2.5	1.5	2.0	3.5
29	1.0	2.0	1.0	1.5	1.5	1.5	1.5	2.0	.5	.5	.5	1.5	2.5	.5	.5	1.5	1.5	4.5	2.5	1.5	1.0	.5	.5	.5	1.5	4.5
30	.5	.5	.5	.5	2.5	2.5	1.0	2.5	4.0	2.0	.5	2.5	2.5	3.5	4.0	2.5	4.0	1.0	1.0	2.5	.5	1.0	2.0	2.5	2.0	4.0
31	.5	.5	1.5	4.5	3.5	1.0	1.5	1.0	3.0	2.0	1.5	1.5	3.5	4.5	2.5	6.5	5.5	3.0	3.5	2.5	.5	.5	.5	.5	2.5	6.5
AV	4.5	3.5	3.5	4.0	3.5	3.5	3.0	2.5	2.5	2.5	3.0	4.5	5.0	6.0	6.5	5.5	6.5	6.5	5.5	4.0	4.0	4.0	4.0	4.0		

9/R

UNCORRECTED DATA

QC Checked 4-4-75 By: D.G

①

STATION WIND SPEED (MPH) 10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A7
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	GUSTINESS PEAK	GUSTINESS TIME	CALIBRATION
1	0	0	0	0	0	0	0	0	0	0	0	0	1.0	2.5	2.5	0	3.5	3.0	1.5	1.5	2.0	0	0	0				
2	2.5	1.5	1.5	1.0	2.0	0	3.5	1.0	0	1.0	0	0	2.0	3.0	2.5	4.0	3.0	2.5	3.0	1.5	1.0	3.5	3.0	2.0				①
3	0	1.0	1.5	1.0	3.5	2.5	2.0	0	3.0	1.0	1.0	1.0	1.0	3.5	3.0	5.5	4.5	1.5	2.0	3.5	1.5	1.0	1.5	1.5				
4	0	0	0.5	1.0	3.5	2.0	0	0.5	1.0	2.0	0.5	3.0	1.0	2.0	4.5	2.2	12.5	7.0	4.5	4.5	3.5	4.5	3.0	3.5				
5	3.5	1.0	2.5	1.5	1.0	0.5	1.5	0	1.5	0.5	1.0	0.5	0.5	3.5	3.0	3.0	1.0	6.0	5.0	3.0	2.0	1.5	1.0	2.5				
6	3.0	1.0	1.5	0	1.5	0.5	2.0	2.0	2.0	2.0	3.0	5.5	4.5	3.0	7.0	2.5	20.0	17.0	8.0	3.0	3.0	3.0	2.5	3.5				
7	2.5	3.0	2.5	2.5	2.0	2.0	4.5	6.0	5.5	6.0	7.0	6.0	3.0	1.0	12.5	5.5	3.0	3.5	3.0	3.0	2.5	2.5	1.5	1.0				
8	1.6	2.5	2.0	2.0	3.5	1.5	3.0	3.0	3.0	17.0	5.0	7.0	3.0	3.0	2.0	5.0	2.0	3.5	4.0	3.0	3.0	1.0	0.5	0.5				
9	5.5	3.0	2.0	0.1	0	0.1	2.0	0	1.0	1.5	3.0	2.5	3.5	4.5	1.0	1.5	5.0	11.5	9.0	11.0	[illegible]	[illegible]	3.0	3.0				
10	3.0	3.0	5.5	5.0	1.5	1.5	3.0	3.0	0.5	0	1.0	1.0	1.5	3.0	2.0	0	0.5	3.5	2.5	0	[illegible]	[illegible]	[illegible]	1.0				
11	[illegible]	1.0	1.0	0	0	0	1.0	1.0	2.0	1.0	0	1.0	4.5	4.5	5.5	5.5	3.0	7.0	21.0	22.5	23	[illegible]	22.0	15.5				
12	3.0	1.5	1.5	1.5	1.0	2.0	3.5	3.5	1.5	1.5	2.0	2.0	2.5	4.5	3.5	5.0	4.0	3.5	0.5	6.0	4.5	1.0	0.5	0.5				
13	1.2	1.5	3.0	1.5	0.5	0.5	1.5	3.0	2.0	3.0	3.0	2.5	1.5	3.5	5.5	4.5	4.0	3.5	1.5	3.0	4.5	3.5	1.5	1.0				
14	1.0	3.0	2.0	0	0	0.5	[illegible]	1.5	0	1.0	3.0	2.5	3.0	2.5	3.5	2.0	1.5	0.5	1.0	4.5	2.0	0.5	0.5	1.0				
15	0.5	0	1.0	1.0	[illegible]	[illegible]	[illegible]	1.0	0	0	1.0	1.0	2.0	1.5	2.0	2.0	2.5	1.0	2.0	2.0	3.5	0.5	0	1.5				
16	2.0	1.0	2.0	2.0	2.5	[illegible]	1.0	0.5	0.5	1.0	1.0	3.0	3.5	1.5	3.0	MT	1.0	3.0	3.0	1.0	3.0	3.5	2.0	2.0				
17	2.5	2.5	4.5	3.0	1.0	0.5	1.5	4.5	3.0	2.0	2.0	3.0	2.0	3.5	2.0	1.5	5.5	3.5	3.0	[illegible]	2.0	0.5	1.5	0.5				
18	1.5	2.0	1.0	1.0	2.5	0	1.0	1.0	0.5	1.0	1.0	1.0	2.0	2.0	3.0	3.5	5.0	5.0	2.5	2.0	2.0	1.0	1.5	1.0				
19	3.0	2.5	2.5	1.5	3.0	2.0	1.0	1.5	1.5	0	0	0	1.0	3.5	3.5	1.0	6.0	2.0	0	0	1.0	0.5	1.0	2.0				
20	2.0	2.0	1.0	1.5	1.0	3.0	2.0	0	0	1.0	1.5	1.5	1.5	1.5	2.0	5.5	4.5	1.5	0.5	0.5	2.0	6.0	5.5	7.5				
21	3.0	2.0	7.0	14.5	7.0	20	15.5	11.0	12.5	23.0	21.0	23.5	24.5	22.0	22.0	9.0	6.0	4.5	2.0	1.0	5	2.5	1.0	3.0				
22	1.0	0.5	1.0	2.0	2.5	0.5	1.5	2.0	1.0	0.5	1.0	1.0	1.0	3.0	4.0	3.5	3.0	1.0	0.5	2.0	2.5	2.0	1.0	[illegible]				
23	2.5	1.5	2.0	2.0	1.5	2.5	1.0	1.5	1.5	2.0	1.5	3.0	2.0	3.5	5.5	5.5	3.0	0	0.5	0.5	3.5	3.0	2.0	1.0				
24	2.5	3.0	3.0	2.5	2.0	3.0	1.5	2.0	2.0	2.0	1.5	2.0	3.5	5.5	5.5	7.0	5.0	6.5	3.5	3.0	3.5	3.0	2.0	1.0				
25	3.0	1.0	2.0	2.5	1.5	1.5	2.0	2.0	3.0	6.5	8.5	7.5	5.0	17.0	22.0	19.0	15.5	11.0	4.5	6.0	8.0	9.0	6.5	[illegible]				
26	[illegible]	5	[illegible]	2.5	3.0	1.5	[illegible]	2.5	2.5	2.5	4.0	20.0	20.0	19.0	18.5	19.0	17.0	16.0	9.5	9.0	6.5	7.5	6.5	4.5				
27	[illegible]	5.0	[illegible]	1.5	2	1.0	3.5	8.0	9.5	8.0	4.5	5.5	5.0	4.0	1.5	2.0	3.5	3.5	1.0	[illegible]	1.0	0	5.5	6.0				
28	3.0	3.0	1.5	2.5	9.0	1.0	2.5	4.0	5.5	6.0	3.0	6.0	12.0	11.0	14.0	17.5	15.0	5	3.5	2.5	3.0	5.0	4.5	5.0				
29	3.0	1.5	1.5	0	0	0	1.5	[illegible]	[illegible]	[illegible]	1.0	0	1.0	1.5	0.5	0.5	0.5	0	0	0	0	0	0	0				
30	0	1.0	0	0.5	1.0	0.5	0	1.0	0.5	1.0	1.0	1.5	1.5	1.5	2.0	2.0	[illegible]	1.5	0.5	1.5	3.0	3.0	3.0	3.0				
31	2.0	4.0	[illegible]	1.5	4.5	1.0	2.0	2.0	1.0	1.0	1.0	3.5	3	1.5	3.0	1.0	0	0	0	0	0.5	0	0	0.5				
Average																												

WIND DIRECTION - 10 m
DEGREES

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
NOVEMBER
~~DECEMBER~~, 1974

SITE A 70

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

QC Checked 4/4/75 By: [illegible]

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1																									
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ START →	105	55	85	125	175	180	205	6
12	20	60	75	35	40	30	60	15	30	150	15	75	320	335	190	250	200	200	190	10	60	70	60	50	4
13	270	80	340	135	70	350	335	320	345	60	320	155	215	190	115	120	185	210	260	280	315	15	75	20	4
14	65	70	25	345	15	30	60	50	345	350	355	10	315	230	310	340	345	345	245	195	345	35	195	35	16
15	75	60	25	20	315	335	30	330	20	345	270	245	325	310	175	230	345	310	175	15	330	5	295	30	2
16	340	330	345	350	15	25	45	65	65	150	225	210	215	210	240	215	150	30	70	150	350	55	315	350	1
17	280	30	60	45	75	70	140	75	180	120	325	245	255	265	275	195	210	130	195	10	300	265	220	340	4
18	300	35	345	70	95	45	60	15	215	160	240	295	300	210	290	260	215	240	265	245	240	240	240	250	12
19	315	10	255	355	330	320	180	320	195	190	240	235	225	230	250	230	235	310	285	90	300	355	340	305	11
20	350	255	15	70	125	30	30	25	45	255	250	245	305	315	295	240	195	150	90	20	150	5	60	145	2
21	45	50	350	35	55	30	300	180	270	..	180	250	275	315	350	305	265	210	330	75	70	60	65	15	3
22	70	70	65	15	50	35	60	280	0	160	225	320	265	45	110	245	290	255	285	250	0	15	45	315	3
23	225	175	180	190	180	200	200	210	170	315	210	205	215	200	195	190	195	225	255	270	285	185	290	240	10
24	50	290	45	60	250	20	45	50	35	255	300	240	220	280	210	270	45	260	135	250	65	250	340	230	3
25	30	70	300	30	250	270	225	315	300	235	250	230	210	290	290	345	210	180	230	270	10	240	210	270	11
26	175	175	165	210	270	300	270	190	230	← ~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	9
27	← ~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
28	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	P.T. ~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
29	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	PI ~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
30	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	PI ~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
31	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$	$$$	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
PV	4	4	2	2	3	2	4	2	2	8	12	12	11	10	14	11	10	10	9	12	4	1	4	2	

WIND DIRECTION-10m
DEGREES

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
DECEMBER, 1974
SITE A 7
AEROVIRONMENT INC.
REPORT PREPARED BY L.V

QC Checked 4/4/75 By: JGB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
2	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
3	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
4	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
5	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
6	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
7	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
8	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
9	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
10	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
11	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	
12	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	210	210	85	15	155	195	135	255	85	340	45	10	
13	60	30	35	60	270	215	140	40	210	190	265	265	255	270	270	265	255	260	250	240	235	245	335	235	13	
14	200	190	175	175	165	300	315	270	300	245	225	200	270	240	150	120	75	90	170	175	180	195	200	135	9	
15	175	240	275	285	185	270	195	250	50	195	230	150	170	165	165	15	35	355	315	75	180	185	165	190	9	
16	190	195	40	30	90	45	75	35	90	15	15	15	35	45	15	15	40	75	70	75	15	180	55	55	3	
17	70	45	20	40	45	50	75	60	50	320	255	225	200	215	270	200	240	270	270	215	195	150	125	270	3	
18	315	310	340	270	350	0	60	50	35	30	40	90	350	185	270	350	65	25	65	225	5	75	90	155	1	
19	75	205	295	235	225	190	90	180	195	200	215	245	270	265	270	270	270	255	235	215	210	155	170	180	11	
20	195	200	255	315	345	210	345	15	30	30	15	200	50	30	15	15	15	15	15	75	80	180	30	30	2	
21	45	75	65	270	30	335	325	15	10	75	45	70	245	225	255	165	200	230	245	225	210	200	220	270	4	
22	225	265	255	250	280	275	275	255	270	230	245	285	275	250	250	285	280	280	240	195	230	195	180	90	13	
23	85	60	105	105	30	270	75	240	200	235	225	210	295	35	45	65	45	70	75	55	60	60	85	90	4	
24	125	140	115	245	100	310	320	350	15	75	30	120	165	190	285	150	65	35	70	180	35	60	75	60	4	
25	85	75	80	30	80	90	180	45	65	105	225	185	265	315	320	315	300	355	55	85	0	320	300	330	5	
26	75	75	40	75	105	345	25	45	175	300	270	160	235	210	230	245	330	180	210	30	355	30	45	80	2	
27	330	0	80	330	45	55	85	55	45	195	330	180	160	315	340	330	315	270	195	180	50	65	75	60	16	
28	90	75	80	60	60	60	15	30	60	180	120	245	210	240	210	135	165	15	60	225	60	75	55	45	4	
29	180	300	105	225	240	330	15	265	125	210	185	270	280	135	190	315	10	15	40	15	105	240	90	135	2	
30	90	180	345	180	205	135	125	15	65	85	255	235	270	290	285	270	225	165	330	75	285	330	310	340	16	
31	90	95	180	70	70	75	60	75	70	180	195	230	240	235	270	310	340	0	45	70	330	270	320	75	4	
PV	5	4	3	4	5	3	4	3	3	10	11	11	13	11	13	2	3	2	4	4	5	4	3	3		

OK

CORRECTED DATA

QC Checked 8-4-75 By: D.C.

①

STATION WIND DIRECTION 10m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A7
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	CLOCK HOUR (standard time)																								GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avc	PEAK	TIME	
1	320	300	15	60	70	75	105	55	75	90	120	225	270	210	210	310	320	15	75	75	75	190	195	105				
2	320	35	45	100	350	135	70	120	245	270	135	170	215	215	200	140	195	15	75	135	220	180	310	320				①
3	25	50	05	15	45	45	10	345	45	90	240	270	235	230	255	240	210	200	75	70	330	15	5	300				
4	45	45	105	50	355	60	55	20	60	225	5	190	270	285	175	310	40	45	215	345	195	300	145	225				
5	300	40	60	40	45	345	40	40	45	55	300	335	325	15	235	230	170	140	215	245	45	45	30	75				
6	30	75	15	60	50	330	45	15	50	205	15	300	315	130	180	175	185	180	230	250	215	210	0	45				
7	70	55	15	45	355	195	195	10	310	200	195	245	215	290	295	270	185	175	180	270	320	195	45	30				
8	15	15	45	30	75	60	20	50	140	200	250	270	240	45	35	315	270	245	270	180	210	270	300	210				
9	205	135	300	135	135	150	200	135	230	345	235	215	210	210	205	245	270	270	300	300	275	240	180	180				
10	60	165	155	210	340	0	5	70	315	350	30	35	315	270	205	300	0	0	240	205	105	270	45	85				
11	45	0	150	35	20	240	235	255	315	300	240	230	225	190	245	280	325	0	5	15	15	15	15	30				
12	210	285	270	290	270	345	300	15	60	20	60	20	315	320	275	270	270	210	290	345	335	235	330	30				
13	70	45	315	340	325	310	235	315	45	315	240	260	300	300	240	215	230	270	30	120	240	60	60	155				
14	270	35	350	315	325	75	45	45	225	255	240	260	255	235	215	240	220	205	270	60	80	180	210	45				
15	120	225	30	40	225	225	90	255	255	315	75	225	230	285	270	240	220	195	200	15	15	200	270	60				
16	30	35	75	300	30	55	315	230	310	325	135	270	240	210	260	MT	255	315	235	270	45	15	270	330				
17	315	45	75	45	50	45	10	320	70	330	30	240	255	205	270	210	315	270	210	235	200	270	255	210				
18	215	200	50	225	330	45	65	80	15	45	40	330	300	225	235	250	240	265	265	0	325	285	30	00				
19	130	40	45	310	315	225	255	280	330	0	85	200	250	240	225	275	235	220	200	125	135	150	330	330				
20	60	75	85	255	35	65	75	25	15	50	225	200	230	315	30	210	255	310	255	330	80	195	150	190				
21	[illegible]	120	240	270	355	60	45	50	20	25	25	20	25	25	25	20	10	170	270	335	45	315	270	100				
22	300	345	125	45	70	55	75	75	70	115	30	270	230	270	240	245	250	330	185	135	320	75	330	45				
23	90	0	55	195	300	30	235	60	165	180	200	270	200	270	240	235	245	205	215	115	60	45	25	110				
24	330	165	30	90	40	65	245	225	255	315	[illegible]	165	200	210	230	275	270	270	230	205	195	250	90	330				
25	315	60	60	75	150	200	160	155	210	225	200	230	235	270	260	270	280	255	165	160	170	170	170	170				
26	185	130	170	175	195	325	240	200	50	315	195	205	200	200	230	230	225	225	235	240	240	240	300	315				
27	10	105	205	130	55	165	85	15	60	75	60	10	10	60	330	0	345	290	225	320	235	30	60	300				
28	235	30	55	15	350	260	255	170	180	215	205	310	270	240	240	245	225	235	180	225	340	45	40	225				
29	45	30	65	75	105	65	120	60	240	270	165	100	190	220	270	315	255	240	200	60	300	350	300	345				
30	345	75	60	45	130	15	30	150	330	255	240	270	225	240	240	180	190	285	260	190	210	40	50	0				
31	195	140	15	30	30	1.5	250	310	310	270	255	225	195	210	215	300	220	10	140	150	300	270	200	285				
Prevailing																												

PAPER INF.
ENTERED

UNCORRECTED DAT

QC Checked 1/6/75 By: JEB (100)

TOTAL SULFUR,TS Chan 1
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Nov 1974 STATION NUMBER A7
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT
REPORT PREPARED :

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19			22	23		conc	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21										CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	/	/	90
22	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	6	7	6	7	6	6	6	6	6	/	/	
23	5	5	6	6	6	5	6	6	5	4	5	6	6	6	7	7	7	7	6	5	5	6	5	5	5	7	many	
24	6	5	6	5	5	4	4	3	4	4	5	4	5	6	5	6	5	5	5	5	4	2	3	2	5	6	many	
25	1	1	1	1	1	1	1	1	2	2	2	3	4	4	5	4	4	5	5	4	4	4	4	4	3	5	many	
26	4	4	4	3	4	3	4	4	← GENERATOR FAILED →																—	—	—	
27	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	→	—	—	—	
28	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	→	—	—	—	
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	→	—	—	—	
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	→	—	—	—	↓
AVERAGE	4	4	4	4	4	3	4	4	4	3	4	4	5	5	6	6	6	6	6	6	5	5	4	4				

①

UNCORRECTED DATA

Exhibit 91

QC Checked 3-24-75 By: D.G.

(100)

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Dec 1974 STATION NUMBER A7
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK conc	DAILY PEAK TIME	CALIBRATION
1	<	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				90
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
5	—	—	—	—	—	—	—	—	—	—	—	—	PF	—	—	—	—	—	—	—	—	—	—	—	—			
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
12	—	—	—	—	—	—	—	—	—	—	—	—	—→	4	4	5	5	5	4	4	3	3	3	3				
13	3	3	2	3	4	3	3	3	4	3	3	4	3	4	4	4	3	3	3	3	3	4	3	3				
14	4	3	3	2	2	2	2	1	2	2	3	4	5	5	4	5	5	5	3	3	3	2	1	2				
15	3	2	3	3	3	3	3	3	3	4	3	4	4	3	3	4	4	4	4	4	3	3	3	3				
16	3	3	3	4	4	4	4	4	5	4	4	6	6	6	6	6	5	5	4	3	4	3	4	3				
17	3	3	4	3	3	3	3	3	3	3	5	6	5	5	4	4	4	4	7	5	5	5	4	3				
18	3	4	4	3	3	2	3	3	3	5	4	1	7	7	7	7	7	7	7	7	7	7	7	6				
19	7	6	7	7	7	6	7	8	7	7	7	7	8	7	7	7	7	7	8	8	8	7	7	7				
20	7	7	7	7	7	7	8	7	7	7	7	7	7	8	7	7	7	8	8	7	8	8	7	8				
21	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	8	7	8	7	7	7	6	6	7				
22	6	6	5	5	5	5	5	6	6	7	7	7	6	7	7	7	7	6	7	6	6	5	6	7				
23	7	6	6	7	6	7	6	7	7	6	7	6	6	6	7	7	7	6	7	7	7	7	7	7				
24	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6				
25	6	5	7	7	7	7	6	6	6	7	7	7	7	7	8	8	8	7	7	6	7	7	7	7				
26	7	6	6	7	6	7	6	7	6	6	7	7	7	7	7	7	8	8	7	7	7	7	6	6				
27	6	6	6	6	6	6	6	7	6	6	6	6	7	7	7	8	8	8	7	7	7	7	7	6				
28	6	7	7	7	6	7	7	7	8	7	8	7	7	7	7	7	7	8	8	7	7	7	6	6				
29	7	7	8	7	7	7	6	7	7	6	7	7	7	7	8	7	7	8	8	7	7	7	7	7				
30	7	7	7	7	7	7	7	6	6	7	7	7	7	8	8	7	7	8	7	7	7	7	7	6				
31	7	6	6	6	6	6	5	6	6	8	7	7	7	7	8	8	8	7	7	7	7	6	6	6				↓
AVERAGE																												

①

Entered 41

UNCORRECTED DATA

QC Checked 3-28-75 By: D.G.

100

TOTAL SULFUR, TS
Hourly Average and Peak Concentration by Day.
(ppb)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A7
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY L.V.

	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	90
1	6	6	6	6	6	7	6	7	7	7	7	8	8	8	7	8	8	8	8	8	7	7	7	6				
2	6	5	6	6	6	6	5	6	6	7	7	7	7	8	8	8	8	8	8	7	8	7	7	7				
3	7	7	7	7	7	7	7	7	7	7	8	8	7	9	8	8	8	8	7	7	7	7	7	7				
4	7	7	7	7	7	7	6	7	8	7	7	8	7	7	7	8	8	8	7	7	7	6	7	7				
5	7	7	7	7	7	7	7	7	7	8	8	9	9	10	7	9	9	8	8	8	7	7	7	7				
6	8	7	8	8	7	9	9	8	8	7	7	8	8	8	8	7	6	7	7	7	7	8	7	7				
7	7	7	7	7	7	7	7	7	7	7	8	7	8	8	7	8	4	7	7	8	7	8	7	7				
8	8	8	8	8	8	7	7	8	8	7	7	7	8	7	7	7	MT	7	7	8	7	7	7	7				
9	7	6	7	6	6	7	7	6	6	7	7	7	7	7	7	7	7	8	7	7	7	7	7	6				
10	6	6	6	6	5	6	6	6	6	7	7	7	7	8	7	7	MT	8	7	7	7	6	6	6				
11	6	6	6	6	6	7	6	6	6	6	6	7	13	7	7	7	7	8	7	5	5	4	4	4				
12	5	5	6	6	5	6	6	6	7	7	8	7	8	8	8	7	8	8	7	7	7	7	7	7				
13	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7	7	7	7				
14	7	7	7	7	7	7	8	8	8	9	8	8	8	9	8	9	9	9	8	8	8	8	7	7				
15	7	8	7	7	8	7	8	7	8	7	8	8	8	8	9	8	9	8	8	8	8	8	8	8				
16	7	7	8	7	7	7	7	7	7	7	8	8	9	9	9	MT	8	8	9	9	9	9	9	9				
17	9	8	8	8	8	8	8	9	9	9	10	10	9	10	10	10	10	10	10	10	9	10	9	9				
18	9	8	8	8	7	7	8	8	9	8	8	10	8	9	10	9	9	9	10	9	9	9	9	8				
19	8	8	8	8	7	8	8	8	7	8	7	7	9	8	8	8	8	7	7	7	7	8	7	7				
20	7	7	7	7	7	7	7	8	7	8	9	8	8	9	10	9	9	8	8	9	7	7	7	7				
21	7	7	7	7	7	7	6	6	5	6	7	6	6	6	6	7	7	8	8	8	7	7	6	7				
22	7	6	5	6	6	6	6	6	6	7	MT	6	7	7	8	7	8	8	9	8	8	7	7	7				
23	8	7	7	8	8	8	7	7	8	8	8	9	9	9	9	9	9	9	9	8	8	8	8	7				
24	8	8	7	8	8	7	8	7	8	7	7	7	8	8	8	9	8	9	8	8	7	8	8	8				
25	8	8	8	9	9	8	8	8	8	8	9	10	10	10	10	9	9	9	9	9	9	9	9	10				
26	9	9	9	9	9	8	8	9	9	9	10	10	10	10	10	10	10	10	10	10	9	9	8	9				
27	7	8	8	8	8	8	8	7	7	8	8	8	9	7	9	9	8	9	9	9	8	9	8	7				
28	8	8	7	7	7	8	8	8	8	8	8	8	12	12	10	10	7	7	7	7	8	7	7	7				
29	8	7	8	7	7	8	8	8	9	8	9	9	7	7	7	7	7	8	9	7	7	7	7	8				
30	8	8	8	7	7	7	8	7	8	7	7	7	8	8	8	8	8	8	7	7	7	7	7	7				
31	8	8	8	8	8	8	7	8	7	7	8	8	8	9	8	8	9	9	9	8	8	8	8	8				
AVERAGE																												

Entered PAPER TAPE

UNCORRECTED DATA

(100)

QC Checked 1/6/75 By: JGB

HYDROGEN SULFIDE, H_2S Chan 2
Hourly Average and Peak Concentration by Day
(ppb)

DATA FOR MONTH OF Nov 197 4 STATION NUMBER [illegible]
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		conc	TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21										CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	–	/	/	100
22	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	~~CA~~	8	8	8	8	8	8	–	/	/	
23	8	8	8	8	8	8	7	7	7	6	7	7	8	8	8	4	9	9	9	8	8	7	7	7	8	9	Several	
24	7	7	7	7	7	6	6	6	6	6	6	7	7	8	8	8	8	8	8	7	6	5	5	4	7	8	Several	
25	3	3	3	2	2	2	2	2	3	4	5	5	6	6	7	7	7	7	7	7	6	6	6	6	4	7	Several	
26	6	6	6	6	6	6	6	6	← CALIBRATOR FAILED →																–			
27																								>	–			
28																								>	–			
29																								>	–			
30																								>	–			
31																												
AVERAGE	6	6	6	6	6	6	5	5	6	5	6	6	7	7	8	8	8	8	8	8	7	6	6	6				

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V

CORRECTED DATA

QC Checked 4/1/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
2	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
3	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
4	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
6	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
7	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
8	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
9	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
11	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
12	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	0	0	0	0	0	0	0	0	0	0	0	0
13	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10	10	5	10
14	10	10	10	10	10	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	5	5	5	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	10	10	15
17	10	10	10	10	10	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	0	5	10	10	10	15	10	15	10	15	15	15	10	10	15
19	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	10	15	10	10	10	10	10	10	10	10	15
20	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	15
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10
23	10	10	10	10	10	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	10	10	10	15
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	10	10	15
27	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	10	15
28	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	10	15
29	15	15	15	15	15	15	10	15	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
30	15	15	15	15	15	15	15	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15
31	10	10	10	10	10	15	10	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0

CORRECTED DATA

QC Checked 4/11/75 By: SO

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	15	15	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	15	15	15	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
3	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	15	15	15	15	15	15	15	15	20
4	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	15	15	15	15	15	15	15	15	20
5	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	$$$$	20	20	20	20	20	20	20	20	25
9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	15	15	15	20	20
10	15	20	15	15	15	20	20	20	20	20	20	20	20	20	20	20	$$$$	20	20	20	20	20	20	20	20	20
11	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	20	20	20	15	15	15	20	20	25
12	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
13	25	20	20	20	20	20	20	20	20	20	25	25	25	30	30	25	25	20	20	25	25	25	25	25	25	30
14	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	25	25	25	25	25	30
15	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	25	25	25	30
16	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	$$$$	20	20	25	25	25	25	25	25	25	30
17	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	25	30
18	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
19	30	30	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
20	30	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	25	25	25	25	25	30
21	25	25	25	25	25	25	25	20	20	25	20	20	20	20	25	25	25	30	30	30	30	25	25	25	25	30
22	25	25	25	25	25	25	25	25	25	25	$$$$	15	15	20	20	20	25	25	25	25	25	20	20	25	25	25
23	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	25	25	25	25	25	25	20	25	30
24	20	20	20	20	20	20	20	20	25	25	25	20	20	25	25	30	30	30	30	25	25	25	25	25	25	30
25	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	25	30
26	25	25	25	25	25	25	25	25	25	25	30	30	30	35	35	35	35	35	30	30	30	30	30	30	30	35
27	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	25	25	25	25	25	30
28	25	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	25	25	25	25	25	25	25	25	25	30
29	25	25	25	25	25	25	30	30	30	30	30	30	20	20	25	25	25	25	25	25	25	25	25	25	25	30
30	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	25	25	25	25	25	25	25	30
31	25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	25	25	25	25	25	25	30
AV	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/11/75 By: SO

SITE A 7

NOVEMBER 1974

AERCVIRONMENT INC.

REPORT PREPARED BY G.G.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	20	25	20	20	20	20	15	15	20	25
23	20	15	20	20	20	15	15	20	15	10	15	15	20	20	20	20	20	20	15	10	15	15	15	15	15	20
24	20	20	20	15	15	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	15	10	5	0	10	20
25	0	5	0	5	5	5	0	20	5	5	5	5	10	10	10	10	10	10	15	10	5	10	10	10	5	20
26	10	10	10	5	10	10	10	10	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	10
27	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
28	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	$$$$	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
AV	10	10	10	10	10	10	10	15	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	10	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

CORRECTED DATA

SITE A 7

QC Checked 4/11/75 By: SD

DECEMBER 1974

AEROVIRONMENT INC.

REPORT PREPARED BY L.V

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	PF	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$		$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$		$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$		$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	r.	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$>	10	15	20	20	20	[illegible]	15	10	10	5	10	10	20
13	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	15	10	10	10	10	10	10	10	10	10	15
14	10	5	5	5	5	5	5	0	5	5	10	10	15	15	15	15	15	15	10	10	5	5	5	5	5	15
15	10	5	10	10	10	10	10	10	10	10	10	15	15	10	10	10	10	10	10	10	10	10	10	10	10	15
16	10	10	10	10	10	10	10	10	15	15	15	15	15	20	15	20	15	15	10	10	10	10	10	10	10	20
17	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	15	20	15	15	10	10	10	20
18	10	10	10	10	10	5	10	10	10	10	10	0	10	15	15	15	15	15	15	10	15	15	10	10	10	15
19	10	10	10	15	15	5	10	10	10	15	15	15	15	15	15	10	15	10	15	15	15	15	15	15	10	15
20	10	10	10	10	10	15	15	15	10	15	10	15	15	15	15	15	15	10	15	15	10	15	15	15	10	15
21	10	10	10	10	10	10	10	10	10	5	10	15	15	15	15	15	15	10	10	10	5	5	5	10	10	15
22	5	5	5	5	5	0	0	5	5	5	10	10	5	5	5	10	5	5	5	5	0	5	10	5	5	10
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	10	5	5	5	10	5	5	10
24	10	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	5	10	5	5	5	5	5	5	10
25	5	5	5	5	5	5	5	0	5	5	5	5	5	10	10	15	15	10	10	5	10	10	10	5	5	15
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	10
27	5	0	5	5	5	5	5	5	5	5	5	0	5	10	15	15	15	15	10	15	10	10	10	5	5	15
28	5	5	5	5	5	5	10	10	10	5	5	5	5	5	10	10	15	15	15	15	10	10	5	5	5	15
29	5	10	10	10	10	5	5	5	5	5	5	10	10	10	10	10	15	15	15	15	10	10	10	10	10	15
30	10	5	5	10	5	10	5	5	5	5	5	10	10	20	20	15	15	10	5	5	5	10	10	5	10	20
31	5	5	5	5	5	5	0	5	0	5	5	10	15	15	15	20	15	15	10	10	10	5	5	5	5	20
AV	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	5	5	5	10	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

QC Checked 4/11/75 By: SO

SITE A 7

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY L.V.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	0	5	5	0	5	10	10	10	10	15	15	15	15	15	10	5	5	5	5	15
2	0	0	5	5	0	0	0	0	5	5	5	10	10	15	15	15	15	15	15	10	10	10	10	10	5	15
3	10	10	10	5	10	5	5	5	5	5	5	10	10	20	15	15	15	15	10	10	10	10	10	5	10	20
4	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	15	10	15	15	10	5	0	5	5	5	15
5	5	5	5	5	5	5	10	5	5	10	10	15	15	20	20	20	20	15	10	10	10	10	10	10	10	20
6	10	10	10	10	15	15	15	15	10	10	10	10	15	10	15	5	0	10	10	10	10	15	10	10	10	15
7	10	10	10	5	10	10	10	10	10	10	15	15	15	15	15	15	20	15	15	15	10	15	15	15	10	20
8	15	15	15	15	10	10	10	10	10	10	10	15	10	15	10	15	MT	15	15	10	10	15	10	10	10	15
9	10	10	10	5	5	10	5	0	5	10	10	10	15	10	15	15	10	15	10	10	10	5	5	5	10	15
10	0	5	0	0	5	5	5	5	5	5	5	5	10	10	10	10	MT	15	10	5	0	5	5	5	5	15
11	0	0	0	0	0	5	0	5	0	0	5	5	15	5	10	10	15	10	5	0	0	0	0	0	5	15
12	0	0	5	5	0	0	5	5	5	5	10	10	15	10	15	15	10	10	10	10	10	10	10	5	5	15
13	5	10	5	10	5	5	5	5	5	5	10	10	15	15	15	15	10	15	10	10	10	10	10	10	10	15
14	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	25	20	20	20	15	15	15	15	15	15	25
15	15	15	10	10	10	10	10	10	10	10	15	15	15	15	20	20	20	20	20	15	15	15	15	15	15	20
16	10	15	10	10	10	15	10	15	15	15	20	20	20	20	20	MT	20	25	25	20	20	20	20	20	15	25
17	20	20	20	20	15	15	15	20	15	20	20	25	20	30	25	30	25	25	25	25	20	25	25	20	20	30
18	20	20	15	15	15	15	15	20	20	15	20	20	20	20	20	20	20	20	25	20	20	20	20	20	20	25
19	20	20	20	15	15	15	15	10	10	15	15	20	25	15	20	15	20	10	20	20	20	20	15	10	15	25
20	15	15	10	10	15	10	15	15	10	15	10	10	15	20	20	20	20	20	15	10	15	10	10	5	15	20
21	10	10	10	10	10	10	5	5	5	5	0	5	5	0	0	10	10	15	15	15	10	10	5	10	5	15
22	5	5	5	5	5	0	0	5	5	5	MT	0	0	5	10	10	15	10	10	15	10	10	10	5	5	15
23	15	10	10	10	15	10	10	10	10	10	15	15	20	20	20	20	20	20	15	10	15	10	10	5	15	20
24	10	10	10	10	10	10	10	10	10	10	5	10	15	20	20	20	20	20	20	20	15	15	15	15	10	20
25	15	15	15	15	20	15	15	15	15	15	20	25	25	25	25	25	25	20	25	20	20	25	20	25	20	25
26	20	15	20	15	15	15	15	15	15	15	20	30	30	30	30	30	30	25	20	25	20	20	15	15	20	30
27	15	10	15	15	10	10	10	15	10	10	15	15	15	15	15	15	10	15	20	15	15	15	15	10	10	20
28	10	10	10	10	10	10	10	15	15	15	15	15	30	30	20	20	15	10	15	10	10	10	5	10	15	30
29	10	5	10	10	5	10	10	10	10	10	10	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	5	5	10	10	15	15	10	10	10	10	5	10	10	10	10	10	15
31	5	10	10	10	10	15	5	10	10	5	10	10	10	15	15	10	15	15	15	10	5	10	10	10	10	15
AV	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	10	0

STATION A-8

WIND SPEED-10 m
mph

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 8

AEROVIRONMENT INC.

REPORT PREPARED BY C.L

QC Checked 4/1/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	7.0	5.5	8.0	10.5	12.0	11.5	7.5	5.0	4.0	3.0	5.0	4.5	6.5	3.0	6.5	12.0
20	2.5	5.0	2.5	2.5	2.5	2.5	2.5	3.5	4.5	3.5	5.5	6.5	7.5	7.5	6.5	4.5	2.5	5.5	6.5	8.5	9.5	7.5	6.0	6.0	5.0	9.5
21	3.5	4.5	3.0	1.5	3.5	3.5	4.0	3.0	3.5	3.5	4.5	6.5	5.0	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	4.0	6.5
22	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
23	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
25	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
26	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	4.0	3.5	5.5	7.5	4.0	4.0	4.5	4.0	4.5	2.5	4.5	7.5
27	2.5	2.0	3.5	3.5	3.0	3.0	2.5	2.0	2.5	5.5	7.0	6.5	5.5	7.0	5.0	3.5	2.5	2.5	5.5	7.5	3.5	3.5	5.5	4.5	4.0	7.5
28	4.0	2.5	4.5	4.0	2.5	1.5	7.5	8.5	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	4.5	8.5
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	.0	$$$$
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	3.0	3.5	3.5	3.0	3.0	2.5	4.0	4.0	3.5	4.0	6.0	6.0	6.5	8.5	7.0	5.5	4.5	5.0	5.0	5.5	5.5	5.0	5.5	4.0		

WIND SPEED -10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
DECEMBER, 1974
SITE A 8
AEROVIRONMENT INC.
REPORT PREPARED BY G.G.

QC Checked 4/3/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	2.0	3.0	3.5	2.5	2.5	2.5	.5	.5	2.0	3.5
5	.5	2.0	2.5	3.0	3.5	1.5	2.0	1.5	4.0	2.0	2.0	4.5	4.0	3.0	3.5	4.5	9.5	5.5	5.0	8.5	5.5	6.0	4.5	3.5	4.0	9.5
6	3.5	4.0	7.0	7.0	6.5	8.5	5.0	3.5	3.5	6.0	3.5	3.0	5.5	8.5	3.5	2.5	3.0	3.0	1.5	3.5	2.5	4.5	4.5	3.5	4.5	8.5
7	3.5	4.0	3.5	5.0	6.5	5.0	6.5	7.0	11.5	15.5	10.5	9.0	13.5	9.5	10.0	12.5	9.5	9.5	8.5	5.5	3.0	5.5	3.0	2.5	7.5	15.5
8	3.0	5.0	6.5	6.0	5.0	4.5	.5	5.0	3.5	3.5	2.0	.5	2.5	1.5	2.0	1.5	[illegible]	1.0	3.0	3.5	5.0	$$$$	$$$$	$$$$	3.5	6.5
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	5.5	8.0	7.5	7.5	8.0	5.0	4.0	6.5	11.5	10.5	11.5	10.5	10.0	8.5	11.5
16	8.5	7.5	5.5	9.0	10.5	16.0	15.0	5.0	4.0	8.5	7.5	2.5	2.0	2.5	4.5	3.5	5.5	7.5	6.5	5.0	5.5	7.5	4.0	3.0	6.5	16.0
17	6.5	3.5	6.0	5.5	2.0	1.5	4.0	3.5	5.0	3.5	4.0	6.5	8.5	10.0	21.0	13.5	12.0	7.0	5.0	6.5	6.0	7.5	9.0	7.5	7.0	21.0
18	7.5	7.0	6.5	5.0	3.5	3.5	4.0	5.0	4.0	1.5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.5	7.5
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.5	5.0	3.5	3.0	8.0	7.0	7.5	5.5	8.0
21	6.5	5.5	7.5	11.0	10.0	13.5	12.5	13.5	13.5	13.5	11.5	7.0	16.0	13.0	5.5	18.0	22.5	[illegible]	19.0	19.5	24.0	[illegible]	25.0	21.0	14.0	[illegible]
22	21.0	20.5	24.0	21.0	18.5	17.0	12.0	13.0	8.5	2.5	6.5	14.5	18.0	17.0	18.0	19.5	18.0	12.5	9.5	5.0	4.5	6.0	3.5	3.0	13.0	24.0
23	3.0	4.0	3.0	1.5	3.0	3.5	3.0	3.0	3.0	2.5	3.5	4.5	5.0	6.0	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.5	8.0
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
25	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
26	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
27	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
28	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
29	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
30	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.5	.5	1.0	7.5	3.5	4.5	3.5	2.0	4.5	3.5	7.5
31	5.0	4.0	4.5	3.0	3.5	2.5	1.5	1.5	1.5	1.0	3.0	3.0	3.5	2.5	3.5	4.5	5.0	5.5	4.0	3.0	3.0	.5	.5	2.5	3.0	5.5
AV	6.0	6.0	7.0	7.0	6.5	7.0	6.0	5.5	5.5	5.5	5.5	6.0	8.0	7.5	8.0	8.5	8.5	6.5	6.5	6.0	6.0	7.5	6.0	5.5		

Entered

UNCORRECTED DATA

QC Checked 3-28-75 By: D. G.

STATION WIND SPEED (MPH)
10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A-5
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1	2.0	1.0	1.0	3.0	2.5	1.5	2.0	2.5	2.0	←	IM	→	2.0	2.0	2.5	1.5	3.0	4.0	2.5	1.0	2.5	2.5	1.5	1.0				
2	4.5	3.5	5.0	3.0	3.2	3.5	1.0	2.0	.5	IM	2.0	IM	2.0	2.0	2.5	3.5	←	—	—	IM	—	—	—	→				
3	←	—	—	—	—	—	—	—	—	—	—		IM					—	—	—	—	—	—	→				
4	←												IM											→				
5	←												IM											→				
6	←												IM											→				
7	←												IM											→				
8	←												IM											→				
9	←												IM											→				
10	←												IM											→				
11	←												IM											→				
12	←												IM											→				
13	←												IM											→				
14	←												IM											→				
15	←												IM											→				
D. G. 16	←												IM	→	3.5	3.5	2.5	4.5	5.5	10.5	4.5	6.5	3.5	5.0				
17	2.0	4.5	3.0	2.0	7.5	8.5	3.0	3.5	3.0	3.5	3.0	2.0	3.0	2.0	2.0	3.0	4.0	1.5	1.0	1.0	2.5	2.5	1.0	1.0				
18	3.0	2.0	1.0	3.5	1.0	1.0	4.0	4.0	2.5	3.5	5.0	5.0	3.0	7.5	7.0	3.5	3.5	4.5	7.5	4.0	1.0	4.5	6.0	14.0				
19	10.5	13.0	15.0	10.0	4.0	.5	2.5	3.5	5.0	5.0	3.0	1.0	3.0	4.5	1.0	.5	0	0	0	3.5	3.0	2.0	.5	0				
20	0	2.0	2.0	3.0	1.0	2.5	4.5	4.0	4.5	1.5	1.0	4.0	4.5	3.0	2.5	.5	3.5	6.0	7.5	12.0	9.5	12.0	11.0	9.0				
21	9.5	10.5	11.0	[illegible]	11.5	23.5	22.5	18.5	23.0	22.0	22.0	21.0	20.0	13.0	13.5	12.5	7.5	3.5	6.5	10.0	14.5	13.5	7.5	6.0				
22	2.0	2.5	2.0	2.0	1.5	1.0	IM	2.0	4.5	3.5	IM	IM	2.5	3.5	3.0	4.0	3.5	4.5	1.5	.5	0	2.5	1.5	1.5				
23	1.5	IM	1.5	2.0	IM	3.0	IM	IM	2.0	IM	2.0	2.5	4.5	4.5	4.0	4.5	4.0	4.0	1.5	2.0	1.0	2.0	4.0	1.5				
24	2.0	4.5	4.5	2.0	1.0	IM	1.5	3.5	4.5	4.0	2.0	11.0	7.0	7.0	7.5	10.5	8.0	4.0	5.5	2.5	7.5	7.0	3.0	8.0				
25	9.5	7.5	6.5	5.5	11.0	7.5	7.0	7.5	11.0	13.5	15.5	15.0	11.0	15.5	18.5	17.5	13.5	10.5	6.0	9.5	12.5	14.0	11.5	15.0				
26	13.0	13.5	14.5	7.0	7.0	5.0	4.0	5.5	5.0	5.5	22.5	22.5	23.5	21.5	21.0	22.0	20.0	15.0	11.5	8.5	6.5	3.5	11.5	2.5				
27	2.5	4.0	3.5	.5	7.0	[illegible]	13.0	13.5	3.0	5.0	4.0	4.5	1.0	5.0	2.5	3.5	4.5	4.0	3.5	1.5	0	0	3.5	4.5				
28	3.5	3.0	2.0	1.5	3.0	1.5	2.5	5.0	3.5	4.5	8.0	8.0	6.5	5.0	6.5	7.5	13.0	18.0	18.5	20.0	17.0	7.5	7.5	7.5				
29	←	—	—	—	—	—	—	—	—	—	—	—	PF	—	—	—	—	—		—	—	—	—	→				
30	←					PF					→	2.5	3.0	3.0	1.5	1.0	.5	3.0	1.0	1.0	4.0	6.0	7.0	2.5				
31	3.0	4.0	6.0	3.0	2.0	3.5	3.5	1.5	1.5	1.0	2.0	3.5	.5	1.0	1.0	2.0	2.5	2.5	1.0	3.0	3.0	2.5	1.5	1.5				
Average																												

WIND DIRECTION -10m
DEG

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 8

AEROVIRONMENT INC.

REPORT PREPARED BY C.L

QC Checked 4/4/75 By: [illegible]

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
10	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
11	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
12	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
13	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
14	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
15	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
16	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
17	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
18	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
19	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	225	230	220	205	265	240	250	275	340	335	55	70	200	300	11
20	320	185	215	345	25	25	170	345	0	330	325	335	330	325	330	330	335	155	350	180	170	160	170	175	16
21	245	5	335	290	5	10	340	230	225	235	310	325	335	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	1
22	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
23	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
24	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
25	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
26	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	320	15	75	55	120	335	345	15	45	255	2
27	260	220	220	175	205	10	350	315	315	355	325	325	330	330	340	350	350	10	170	285	60	50	315	275	1
28	305	255	40	270	30	320	110	60	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	15
29	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
30	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	1
31	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
PV	15	1	11	9	2	1	1	4	11	1	15	15	16	13	16	1	1	1	6	16	3	2	3	14	

WIND DIRECTION - 10m
DEG.

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 8

AEROVIRONMENT INC.

REPORT PREPARED BY 50/6.6

CORRECTED DATA

QC Checked 4/1/75 By: Jm

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
2	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
3	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
4	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	335	330	355	10	30	205	220	270	1
5	240	170	25	280	300	290	70	215	345	0	270	175	190	180	110	295	100	45	180	125	170	160	170	180	9
6	185	160	115	175	160	170	210	290	165	145	170	325	50	120	325	270	170	195	255	275	300	20	260	200	9
7	265	275	0	275	295	315	335	350	0	10	5	50	20	35	50	45	40	45	60	20	275	235	240	265	3
8	275	300	315	315	300	285	160	315	325	310	230	115	270	205	200	135	140	220	305	310	300	~~$$$~~	~~$$$~~	~~$$$~~	15
9	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
10	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
11	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
12	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
13	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
14	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
15	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	150	170	165	175	235	330	35	75	85	120	160	165	170	9
16	165	145	135	100	100	90	90	125	170	170	120	335	285	335	325	300	190	180	170	155	345	195	215	170	9
17	170	245	160	30	75	300	30	350	270	320	275	285	210	195	265	270	270	265	190	175	165	180	355	160	13
18	160	155	160	145	295	0	330	330	330	70	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	8
19	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
20	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	35	165	195	215	160	160	180	8
21	130	200	150	155	160	150	160	160	170	165	165	195	195	230	285	195	190	190	200	215	190	195	205	225	8
22	285	265	275	260	265	275	265	250	260	275	200	260	265	250	240	245	260	275	285	220	220	205	175	160	13
23	80	30	330	340	240	330	275	325	325	250	295	315	325	5	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	15
24	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
25	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
26	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
27	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
28	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
29	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	$$$
30	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	~~$$$~~	305	310	230	160	195	205	170	225	195	10
31	165	165	170	175	60	160	0	275	295	300	270	325	300	295	305	300	310	315	340	15	30	85	120	165	8
PV	8	8	8	13	14	14	8	1	9	15	13	15	9	10	15	14	9	3	9	2	2	10	11	9	

Entered

CORRECTED DATA

Checked 3-28-75 By: D.G.

STATION WIND DIRECTION
(Deg) 10m

DATA FOR MO. ... 75 STATION NUMBER A8
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17			20	21	22	23	Ave	PEAK	TIME	
1	215	335	145	225	0	255	0	250	245	310	340	295	290	300	300	255	330	325	340	205	210	190	230	215				
2	125	340	350	5	165	160	330	275	255	220	305	302	270	235	200	125	←	—	—	—	IM	—	—	→				
3	<												IM											→				
4	<												IM											→				
5	<												IM											→				
6	<												IM											→				
7	<												IM											→				
8	<												IM											→				
9	<												IM											→				
10	<												IM											→				
11	<												IM											→				
12	<												IM											→				
13	<												IM											→				
14	<												IM											→				
15	<												IM											→				
D.G. 16	<												IM	→	295	350	200	322	296	152	175	45	240	160				
17	180	225	40	170	110	160	290	195	310	250	350	220	235	360	3_5	330	355	255	210	265	240	175	325	170				
18	145	20	270	170	240	295	0	325	330	320	350	0	210	210	365	50	150	110	5	50	310	45	25	45				
19	125	90	140	80	150	225	340	10	340	330	320	240	310	295	330	350	40	115	90	160	245	5	15	5				
20	[illegible]	175	310	345	215	200	285	330	310	330	225	285	220	225	350	270	170	210	170	170	[illegible]	175	310	155				
21	320	140	175	300	0	40	40	40	25	10	5	5	15	25	15	10	10	10	50	80	85	95	145	120				
22	325	270	255	325	185	310	245	325	335	315	MT	MT	305	320	320	325	315	310	290	295	260	310	305	155				
23	155	255	[illegible]	235	245	250	250	245	215	245	295	290	320	[illegible]	315	305	305	310	255	010	350	350	315	355				
24	325	210	165	215	300	185	210	200	200	300	255	290	210	275	225	280	290	335	305	335	170	190	190	185				
25	175	170	170	175	190	190	185	195	205	230	210	225	245	260	255	265	265	250	175	165	175	175	175	170				
26	170	170	155	175	180	[illegible]	240	245	245	215	205	200	205	205	215	230	220	200	235	275	245	205	265	305				
27	330	165	[illegible]	115	65	110	70	85	75	60	195	260	305	325	320	310	315	295	285	300	290	315	45	305				
28	325	95	190	255	150	315	240	270	255	335	170	[illegible]	[illegible]	315	305	300	250	230	246	250	225	230	170	165				
29	<																							→				
30	<					DF							330	305	270	220	270	225	270	315	[illegible]			0				
31	[illegible]	155	145	170	40	152	155	30	340	295	300	330	300	315	235	180	160	340	280	170	285	[illegible]	15	295				
Prevailing																												

Entered Paper Tape

UNCORRECTED DATA

QC Checked 3-28-75 By: D.G.

100

TOTAL SULFUR, S
Hourly Average and Peak Concentration by D
(ppb)

DATA FOR MONTH OF JAN 1975 STATION NUMBER A-8
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY PEAK CONC	DAILY PEAK TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																START			→	7	7	7	7	4				92
25	8	7	7	7	7	7	7	7	7	7	5	7	8	7	7	7	7	7	7	7	7	7	8	7				↓
26	4	7	7	7	7	7	8	6	7	7	6	6	6	6	5	6	6	6	6	6	7	7	6	6				
27	7	7	7	1	[illegible]	→	3	4	0	8	7	7	7	6	7	7	7	7	7	7	7	7	7	7				
28	7	7	8	8	7	8	7	8	8	8	8	8	8	8	0	0			4	4	8	8	7	3				
29	←	—	—	—	—	—	—	—	—	—	—	—	PF	—	—	—	—	—	—	—	—	—	—	→				
30	—	—	—	—	—	OF	—	—	—	—	—	→ 11	9								2	3	4	5				↓
31	2	[illegible]	3	7	8	9	7	2	6	8	9	9	8	4	10	7	7	8	9	17	12	9	8	[illegible]				
AVERAGE																												

HYDROGEN SULFIDE (MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

CORRECTED DATA

QC Checked 4/10/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$ 5	$$$$ A/7	~~$$$$~~	5	0	0	0	0	5	5
25	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	$$$$	$$$$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5	5
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5
31	0	5	5	5	5	5	0	0	5	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5
AV	0	0	5	5	5	5	0	5	5	0	5	5	5	5	5	0	0	0	0	5	5	0	0	0	5	0

SULFUR DIOXIDE (MICROGRAMS/CU. METER)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY 1975

AEROVIRONMENT INC.

REPORT PREPARED BY G.G.

QC Checked 4/11/75 By: SD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
10	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
11	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
12	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
13	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
14	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
15	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
16	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
17	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
18	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
19	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
20	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
21	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
22	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
23	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	0	$$$$
24	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	10	5	5	5	5	5	10
25	5	5	5	5	5	5	5	5	5	0	5	15	10	5	5	0	5	5	5	0	0	5	5	5	5	15
26	5	5	5	5	5	5	5	5	5	10	15	5	5	5	5	0	0	0	0	0	5	0	0	0	5	15
27	0	0	0	0	$$$$	$$$$	0	0	0	5	5	5	5	0	5	5	0	0	0	5	5	0	5	5	0	5
28	0	0	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	0	5
29	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	0	$$$$
30	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	~~$$$$~~	5	10	10	5	5	5	5	5	0	5	5	5	5	5	10
31	5	5	0	5	5	5	5	0	5	5	5	5	10	15	5	5	0	0	0	0	0	5	5	5	5	15
AV	0	0	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	5	5	0

STATION A-9

WIND SPEED ~10 M
mph

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 9

AEROVIRONMENT INC.

REPORT PREPARED BY C.T

QC Checked 4/5/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	4.0	6.5	3.5	3.0	3.0	5.0	2.5	2.5	3.5	6.5
7	2.0	2.5	3.5	3.5	3.5	4.0	2.5	3.5	3.0	3.0	3.5	5.5	4.0	5.0	7.0	15.5	21.5	17.5	15.5	16.0	11.0	8.5	12.0	6.0	7.5	21.5
8	4.0	6.0	6.0	3.0	3.0	2.5	2.0	2.0	2.0	2.5	3.0	4.5	4.0	5.5	2.5	3.0	3.0	1.0	2.5	3.0	2.0	2.0	1.0	2.5	3.0	6.0
9	2.5	2.5	2.0	2.5	2.0	1.5	1.0	1.5	3.5	2.5	2.5	3.5	4.5	3.5	3.5	2.5	2.0	2.0	3.5	2.5	4.0	1.5	2.5	2.5	2.5	4.5
10	2.5	2.0	2.5	2.5	4.0	2.0	3.5	2.5	2.0	2.5	3.5	4.0	3.5	3.0	4.5	2.5	3.0	2.5	5.5	4.0	3.0	1.5	4.0	2.5	3.0	5.5
11	3.0	2.5	2.5	3.0	2.5	2.5	2.5	2.5	4.0	3.5	3.5	4.0	4.0	6.0	4.0	2.5	2.5	2.5	2.0	2.5	2.5	2.5	4.5	5.0	3.0	6.0
12	4.0	4.0	3.0	5.0	3.0	5.0	3.5	3.5	3.5	3.5	4.5	5.5	3.5	3.5	4.5	7.0	6.0	6.5	5.5	2.5	4.5	4.5	3.5	3.5	4.5	7.0
13	7.5	4.5	4.0	9.5	7.0	11.5	5.0	7.0	15.5	19.0	22.0	19.5	14.0	14.0	21.0	16.0	16.5	16.0	16.5	16.0	17.0	17.0	10.0	10.5	13.0	22.0
14	11.5	12.0	14.5	11.5	7.0	7.5	8.5	7.0	5.0	5.0	3.0	4.0	4.0	3.0	3.0	2.5	3.0	3.5	11.0	13.5	12.0	8.5	15.0	11.0	8.0	15.0
15	10.5	11.0	2.5	2.5	2.5	3.0	4.0	4.0	4.0	3.5	5.5	4.5	4.5	4.0	4.5	8.5	5.0	3.0	4.5	2.5	3.0	7.0	6.5	8.0	5.0	11.0
16	6.5	2.5	2.5	3.5	3.0	3.5	7.5	7.0	2.5	3.5	4.0	3.5	3.0	6.0	5.0	4.0	2.5	4.0	6.0	6.5	4.0	4.5	6.0	4.5	4.5	7.5
17	2.5	3.0	3.0	4.0	4.5	3.0	2.5	2.5	2.5	2.5	3.5	3.5	3.5	7.0	12.0	12.5	24.5	22.5	18.5	18.0	11.5	9.5	5.5	4.0	8.0	24.5
18	3.0	2.5	3.0	4.5	3.0	3.0	3.0	2.5	3.5	4.5	3.0	3.5	5.5	3.5	3.5	2.5	5.0	4.0	8.0	11.5	11.5	6.0	2.0	5.5	4.5	11.5
19	4.5	3.0	5.5	2.5	4.0	11.0	6.0	6.0	9.5	10.0	5.0	11.5	18.5	19.0	21.0	18.0	16.0	17.0	18.5	12.0	8.5	8.5	8.5	10.5	10.5	21.0
20	9.0	6.5	4.0	6.0	7.5	7.5	5.0	4.0	3.0	2.0	3.5	2.5	4.0	5.5	6.0	4.5	3.5	2.5	4.5	2.5	2.5	3.5	3.0	6.5	4.5	9.0
21	5.5	3.5	4.0	4.5	4.0	.5	9.5	7.0	9.0	6.5	4.5	2.5	3.5	2.5	3.5	17.5	21.0	20.0	20.5	25.5	34.0	36.5	25.5	24.0	12.5	36.5
22	27.5	30.0	29.0	25.5	21.0	17.0	12.5	11.0	7.5	13.0	16.0	14.5	18.5	18.0	19.0	17.0	13.5	12.5	12.0	12.0	9.5	6.0	4.0	2.5	15.5	30.0
23	2.5	3.0	2.5	2.5	2.5	4.0	2.5	4.0	2.5	4.0	2.5	2.5	3.5	7.5	9.5	11.5	11.5	10.0	12.0	11.5	7.5	6.5	8.0	5.5	6.0	12.0
24	3.0	2.5	3.0	4.0	2.0	2.0	2.5	2.0	3.0	2.5	3.0	4.0	4.5	5.0	6.5	5.0	5.0	6.0	4.5	6.0	10.0	5.0	4.0	3.0	4.0	10.0
25	3.0	3.0	2.5	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.0	2.5	4.5	4.5	4.5	3.0	2.5	1.5	2.5	2.5	2.0	2.5	2.0	2.5	3.0	4.5
26	2.5	3.0	3.0	3.0	4.0	3.0	3.0	3.0	5.0	2.5	4.0	3.0	6.0	3.5	2.5	4.5	3.5	2.5	5.0	2.5	2.5	2.5	2.5	2.0	3.5	6.0
27	2.5	2.5	3.0	2.5	3.0	2.5	4.0	3.0	3.0	5.0	2.5	3.0	4.0	2.5	3.5	4.5	2.5	2.5	4.0	4.0	2.5	3.0	2.5	3.0	3.0	5.0
28	2.5	2.5	4.0	2.5	2.5	2.5	3.5	2.0	3.0	2.5	3.5	3.5	2.5	2.5	2.5	3.0	3.5	3.0	3.0	4.0	3.5	2.5	3.0	2.5	3.0	4.0
29	3.0	3.0	2.5	2.0	3.0	2.5	2.5	2.0	2.5	3.0	2.5	2.5	2.0	2.5	2.5	2.5	4.0	3.5	4.0	4.0	2.5	2.5	4.0	3.0	3.0	4.0
30	1.5	1.5	2.5	3.5	2.5	2.0	2.5	4.5	2.5	2.5	2.0	5.5	3.0	2.5	2.5	2.5	2.5	2.0	4.0	3.0	1.5	3.0	2.0	2.0	2.5	5.5
31	2.0	3.0	2.5	2.0	2.0	2.5	3.5	2.0	3.0	2.0	2.0	2.0	3.5	2.5	3.0	3.0	3.0	2.0	2.5	2.5	3.0	2.0	2.5	2.5	2.5	3.5
AV	5.0	5.0	4.5	4.5	4.0	4.5	4.0	4.0	4.5	4.5	4.5	5.0	5.5	5.5	6.5	7.0	7.5	7.0	7.5	7.5	7.0	6.0	5.5	5.5		

WIND SPEED-10 M
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 9

AEROVIRONMENT INC.

REPORT PREPARED BY

QC Checked 4/5/75 By: S.C

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.0	2.5	2.0	2.5	2.0	2.0	2.5	2.0	3.0	2.5	3.0	2.5	2.5	2.5	4.5	3.0	3.5	1.5	2.5	5.0	5.0	3.0	2.5	2.5	5.0
2	3.5	2.5	4.0	2.5	2.5	2.5	2.5	3.0	3.5	2.5	2.5	2.5	2.0	2.5	3.0	4.0	3.0	3.5	3.0	4.5	3.5	1.5	2.5	2.5	3.0	4.5
3	2.5	2.5	2.0	3.0	3.0	2.5	4.5	2.5	2.5	2.5	3.5	4.0	5.0	2.5	3.5	5.5	2.5	2.5	3.0	2.5	4.0	3.0	2.5	2.5	3.0	5.5
4	2.5	1.5	1.5	2.5	3.5	3.0	2.5	3.0	3.0	4.0	4.5	3.0	3.0	4.5	3.0	3.0	3.0	4.0	6.0	5.0	5.5	5.0	5.0	6.0	3.5	6.0
5	4.5	4.0	3.5	2.5	3.0	6.0	5.0	4.5	6.0	4.0	3.5	5.0	6.5	3.0	2.5	4.0	3.5	8.0	14.5	14.5	10.5	11.0	8.0	6.0	6.0	14.5
6	5.5	10.5	8.0	4.5	5.0	5.5	3.5	4.0	4.0	5.5	6.5	7.0	4.0	5.0	9.5	19.0	18.5	11.5	4.0	2.5	3.0	2.0	2.5	3.0	6.5	19.0
7	3.5	4.0	2.5	2.5	3.5	4.5	5.5	3.5	5.0	6.5	9.0	7.5	14.5	12.5	9.0	7.0	6.0	6.0	7.0	6.0	7.0	8.0	6.0	3.5	6.5	14.5
8	3.5	6.0	2.5	2.5	3.5	6.5	13.5	13.5	20.0	10.0	4.5	8.5	5.0	5.0	4.0	4.5	3.0	4.5	8.0	3.5	2.5	3.0	8.0	14.0	6.5	20.0
9	9.0	10.0	2.5	3.0	4.0	6.5	4.5	2.5	3.5	4.5	4.5	6.0	6.0	3.5	2.5	3.0	6.5	10.5	5.0	11.5	11.5	14.0	12.5	12.0	6.5	14.0
10	10.5	6.5	2.5	3.0	4.0	3.0	4.0	3.5	3.0	2.5	2.5	3.0	6.5	3.0	4.5	3.5	3.0	2.5	3.0	3.0	2.5	2.5	3.0	3.5	3.5	10.5
11	3.5	3.5	3.0	3.0	4.5	5.5	4.5	7.0	3.0	3.0	4.0	6.5	7.0	8.5	10.5	7.0	4.0	4.0	9.5	5.0	12.0	18.5	12.0	9.5	6.5	18.5
12	3.5	3.5	2.5	3.0	2.5	3.0	2.5	3.5	2.5	5.0	5.5	5.0	3.5	4.0	2.5	3.0	5.0	5.0	3.5	5.5	2.5	2.5	3.5	3.0	3.5	5.5
13	3.5	2.5	3.0	2.5	2.5	2.5	4.0	2.5	3.5	2.5	2.5	4.0	4.0	3.0	4.0	4.5	4.0	3.0	3.0	6.0	4.5	5.0	2.5	3.5	3.5	6.0
14	4.0	4.0	2.0	3.5	3.0	3.0	3.0	3.5	4.0	4.0	3.0	3.5	3.5	3.0	2.5	2.5	2.5	2.5	2.5	3.5	3.0	3.0	3.0	3.0	3.0	4.0
15	2.5	3.0	3.0	3.5	3.0	5.0	3.0	2.0	3.0	2.5	4.0	2.5	2.5	2.5	3.0	2.5	3.0	3.5	3.5	4.0	3.0	2.5	4.5	4.0	3.0	5.0
16	3.0	2.5	3.0	4.0	2.5	3.0	4.0	3.0	5.0	3.0	3.0	4.5	3.5	2.5	3.0	2.5	3.0	4.5	6.0	5.0	4.5	4.5	4.0	5.5	3.5	6.0
17	4.5	3.5	4.0	3.5	3.0	3.5	3.0	4.0	4.5	4.0	3.5	3.0	3.0	3.0	3.0	2.5	2.5	5.5	2.5	3.5	3.5	3.5	2.5	3.0	3.5	5.5
18	4.0	3.5	3.5	3.0	3.0	4.0	3.5	3.0	3.0	4.0	4.0	5.0	5.0	5.0	6.5	6.0	7.0	5.0	6.5	4.0	5.0	3.5	5.0	5.0	4.5	7.0
19	4.0	3.0	3.0	3.0	2.0	3.0	4.0	5.0	2.5	5.5	3.5	3.0	3.0	3.0	3.5	6.5	3.0	2.5	3.5	2.5	2.5	4.0	3.5	2.5	3.5	6.5
20	2.5	3.0	3.0	2.5	5.5	2.0	3.0	2.5	4.0	3.5	5.0	5.0	6.5	4.0	7.5	2.5	4.0	3.0	3.5	5.5	7.0	10.0	19.5	18.0	5.5	19.5
21	14.0	16.5	14.5	17.0	16.5	28.0	19.5	12.0	18.0	13.5	13.0	21.5	21.0	21.5	20.5	13.0	8.5	3.5	3.0	4.5	3.0	3.5	5.5	3.0	13.0	28.0
22	3.0	3.0	1.5	3.0	2.5	1.5	2.5	2.5	2.0	2.0	3.5	2.5	4.0	2.5	2.5	3.0	2.5	1.5	3.0	2.5	2.5	2.5	3.0	2.0	2.5	4.0
23	2.5	2.5	3.0	3.5	4.0	4.5	4.5	2.5	2.5	3.0	3.0	3.0	3.5	3.5	2.5	4.5	5.0	2.5	2.0	2.0	2.5	2.5	4.0	4.0	3.0	5.0
24	4.0	3.5	6.5	5.0	3.0	5.5	5.5	5.0	9.0	10.5	5.0	6.0	10.5	8.5	7.0	12.5	12.5	10.0	7.5	3.0	5.5	7.5	6.0	6.5	[illegible]	12.5
25	4.5	2.5	2.5	3.5	3.5	6.5	7.0	10.5	11.0	14.0	14.0	16.5	13.5	15.0	17.0	15.0	12.5	7.0	4.0	9.5	11.5	17.0	17.0	18.0	10.5	18.0
26	16.5	16.5	11.5	9.0	10.5	10.5	10.0	4.0	3.5	5.5	22.5	24.0	26.0	25.0	24.5	24.5	25.5	21.5	16.5	17.0	15.0	11.5	6.0	5.5	15.0	26.0
27	4.0	6.5	6.5	3.5	2.5	2.5	4.5	5.5	5.5	6.5	6.0	6.0	5.5	4.0	3.0	3.0	6.0	5.5	4.5	3.5	2.5	2.0	4.5	7.0	4.5	7.0
28	2.5	2.5	3.5	3.0	3.0	9.0	5.5	4.0	7.0	11.0	5.5	4.0	10.5	20.0	20.5	20.0	21.0	14.0	8.0	5.5	3.0	2.5	5.5	6.5	8.0	21.0
29	5.0	2.5	3.0	4.0	2.5	3.5	3.0	3.0	1.5	3.0	2.0	2.0	2.5	2.5	3.0	4.0	3.0	2.0	3.0	2.0	1.5	2.0	1.5	1.0	2.5	5.0
30	2.5	2.5	2.5	3.0	3.0	2.5	3.0	2.5	3.0	3.0	3.0	3.0	2.5	2.5	2.5	3.0	3.0	3.0	1.5	2.5	4.5	2.5	3.5	2.5	3.0	4.5
31	5.5	5.0	4.0	2.5	5.0	3.0	2.5	2.0	2.0	2.5	4.0	4.0	2.5	2.5	2.5	3.5	3.0	3.0	2.5	2.5	4.0	3.0	2.5	2.5	3.0	5.5
AV	4.5	4.5	4.0	4.0	4.0	5.0	5.0	4.5	5.0	5.0	5.5	6.0	6.5	6.0	6.5	6.5	6.0	5.5	5.0	5.0	5.0	5.5	5.5	5.5		

WIND DIRECTION – 10m
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 9

AEROVIRONMENT INC.

REPORT PREPARED BY C.T.

QC Checked 4/5/75 By: SO

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ST	/$$$→	30	60	125	290	195	260	295	75	4	
7	325	75	15	355	315	240	295	325	245	20	340	275	225	15	35	40	45	40	40	40	35	50	55	85	3	
8	90	100	90	70	205	210	130	340	220	120	50	50	45	40	60	280	270	55	115	200	345	10	230	270	3	
9	[illegible]	70	60	60	155	20	15	135	60	105	70	60	50	55	325	345	285	250	250	245	255	60	75	150	4	
10	45	120	70	335	45	225	355	40	195	65	70	75	125	250	350	60	45	125	245	240	230	325	140	155	4	
11	30	200	165	55	355	295	195	240	30	35	5	65	65	215	230	290	315	355	250	290	230	30	315	240	1	
12	225	210	155	320	330	285	55	5	340	70	85	65	10	335	45	40	45	190	250	210	230	250	235	235	3	
13	210	220	185	220	240	240	245	[illegible]	250	255	270	270	240	240	240	245	245	250	250	255	250	260	265	265	12	
14	240	235	235	245	240	230	210	235	255	235	320	265	345	355	5	275	45	145	235	245	240	255	250	255	12	
15	235	245	330	20	275	300	160	300	25	245	235	230	200	210	220	250	310	25	55	290	190	235	235	245	11	
16	215	320	95	145	250	90	115	65	285	255	25	340	295	45	45	35	25	170	235	245	205	260	280	275	3	
17	305	250	240	240	275	295	0	110	345	60	225	250	320	240	235	235	260	260	260	265	265	265	240	235	13	
18	215	10	305	250	290	250	205	5	295	110	75	90	45	55	40	40	50	275	245	250	250	255	255	240	12	
19	265	205	285	250	315	240	290	205	250	255	255	245	250	250	255	255	260	255	260	265	255	235	230	235	12	
20	205	215	235	230	220	235	230	235	250	290	310	60	45	40	45	50	30	50	80	350	150	220	150	265	11	
21	20	315	155	240	250	255	245	245	235	250	20	285	230	350	10	240	240	245	250	245	250	245	255	270	12	
22	235	235	235	240	250	255	255	255	255	250	260	260	245	240	240	250	250	250	255	250	240	245	250	245	12	
23	270	270	330	335	15	225	135	230	310	235	235	340	20	55	50	45	50	60	70	45	60	65	75	90	3	
24	145	185	175	225	340	345	260	50	55	60	50	45	40	40	35	50	50	50	0	230	225	225	230	15	3	
25	65	25	295	310	75	315	50	220	40	50	135	130	45	35	35	35	25	15	270	235	245	330	300	15	3	
26	90	345	30	340	300	350	55	345	290	95	40	95	160	255	355	20	40	170	210	320	10	235	250	315	1	
27	340	300	80	335	305	295	70	55	50	50	255	170	45	300	40	45	315	230	230	235	250	45	85	40	3	
28	350	85	115	5	55	235	215	285	70	345	225	240	135	25	70	35	50	95	310	235	290	205	80	220	11	
29	230	225	235	275	25	30	75	75	140	240	350	255	235	10	50	30	35	50	75	80	220	220	240	175	11	
30	235	320	225	210	[illegible]	110	235	235	330	60	285	235	55	50	25	50	185	190	230	305	355	230	320	295	11	
31	210	210	175	340	50	40	80	275	0	230	15	0	235	235	15	345	195	90	60	200	225	155	20	140	2	
PV	11	11	11	12	12	12	3	11	12	12	11	4	3	3	3	3	3	3	12	12	12	11	12	12		

WIND DIRECTION – 10M
Deg.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 9

AEROVIRONMENT INC.

REPORT PREPARED BY C.T

QC Checked 4/5/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	340	95	40	135	345	30	280	70	50	20	55	225	340	35	40	25	30	35	205	270	225	220	155	15	3
2	40	325	170	20	300	30	50	315	225	330	10	40	75	330	55	25	330	130	5	265	175	5	185	45	3
3	20	190	20	170	35	305	235	25	300	95	70	45	35	55	155	215	210	110	305	280	285	30	[illegible]	210	3
4	345	95	270	170	10	220	20	40	155	215	225	105	5	260	90	350	40	160	230	[illegible]	225	225	265	45	11
5	170	315	145	15	245	230	250	235	235	335	35	50	55	325	35	50	75	225	230	230	240	235	230	220	11
6	215	225	225	225	230	230	335	255	20	55	45	35	335	15	230	215	215	230	230	235	220	350	35	55	11
7	15	5	325	15	225	190	330	350	215	200	225	235	240	245	230	230	225	210	195	220	215	210	210	215	11
8	200	230	185	15	195	205	210	215	225	260	240	230	65	40	315	320	5	230	235	255	345	200	215	215	11
9	215	215	45	210	220	215	205	230	145	190	215	220	235	210	340	215	235	240	230	230	235	230	205	210	11
10	215	215	155	200	275	180	355	325	245	275	5	95	40	50	235	315	30	325	355	205	40	280	45	315	3
11	305	75	255	230	290	310	205	50	325	130	205	220	240	240	240	240	275	15	25	315	45	25	15	60	12
12	115	40	115	195	335	310	310	210	5	40	45	35	55	40	345	250	230	225	150	10	60	75	170	350	3
13	95	295	230	5	35	125	155	30	5	75	55	235	130	105	210	235	215	330	55	215	15	55	335	225	11
14	285	25	10	285	25	270	130	50	210	345	140	260	215	40	[illegible]	300	5	95	275	35	230	250	50	55	3
15	0	270	340	305	260	0	205	230	215	80	35	90	335	15	50	345	210	245	10	345	310	320	215	110	16
16	350	95	55	205	340	315	80	320	225	220	335	315	25	70	295	300	295	110	205	10	0	5	145	195	1
17	325	320	140	145	330	290	260	55	270	330	60	335	255	315	325	285	330	220	260	255	255	25	100	280	13
18	195	30	130	170	250	50	285	350	130	20	350	40	65	80	20	335	25	105	230	355	225	210	230	350	1
19	355	320	25	180	300	235	210	210	5	40	355	5	50	55	335	240	310	55	210	295	145	225	110	45	3
20	20	100	235	325	65	320	230	5	315	275	335	115	15	310	230	315	330	170	325	220	220	265	220	220	11
21	220	240	240	250	5	45	35	25	25	15	15	25	30	25	20	20	0	35	285	30	30	175	180	210	2
22	100	240	290	100	160	240	315	170	15	70	50	30	45	50	345	250	290	15	225	215	310	155	25	300	2
23	65	325	0	15	265	40	265	5	280	185	50	15	10	105	335	300	225	160	0	140	355	330	155	20	1
24	285	230	5	95	270	130	225	350	215	225	15	240	240	235	260	235	230	240	240	260	210	220	205	215	11
25	290	30	315	95	280	215	220	215	210	215	225	230	245	240	240	245	245	230	160	210	220	220	230	215	11
26	225	225	235	230	235	225	205	215	240	315	225	225	235	225	225	225	220	220	225	235	235	230	290	230	11
27	235	210	225	275	5	[illegible]	55	65	60	45	40	30	35	30	240	335	230	235	225	225	230	350	320	240	11
28	180	225	35	60	225	235	225	200	215	220	220	300	270	235	225	225	220	210	190	210	265	75	35	285	11
29	70	285	85	205	175	60	255	215	325	40	30	35	5	35	50	45	50	285	220	330	215	270	215	315	3
30	355	315	220	100	195	350	345	65	205	220	225	230	330	340	250	240	315	55	345	30	220	150	65	345	11
31	230	190	175	70	65	280	215	85	50	355	210	230	280	35	55	50	40	350	330	305	215	265	280	300	3
PV	11	11	11	2	11	11	10	11	11	11	3	11	3	3	3	11	11	11	11	11	11	11	11	11	

CORRECTED DATA

QC Checked 2/11/75 By: JEB

STATION TEMPERATURE (°C)
10 m

DATA FOR MONTH OF Dec 1974 STATION NUMBER A 9
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C. T

DAY		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	DAILY PEAK MAX.	TIME	CALIBRATION
		CLOCK HOUR (standard time)																											
335	1																												
36	2																												
37	3																												
38	4																												
39	5																												
40	6												S	T	A	R	T	3.1	-3.8	-5.0	-6.0	-6.2	-5.1	-5.8	-5.0		—	—	
41	7	-6.2	-7.0	-7.0	-5.8	-5.4	-4.7	-4.6	-4.7	-4.7	-4.3	-2.3	0	-1.9	-2.3	-3.3	-2.7	-2.0	-2.1	-2.9	-3.5	-3.5	-4.2	-3.8	-4.0		0	1100	
42	8	-8.8	-8.4	-8.3	-8.4	-8.9	-10.2	-11.1	-11.3	-10.1	-8.1	-5.3	-5.0	-6.0	-6.1	-4.0	-3.7	-4.0	-5.1	-5.5	-7.4	-9.6	-10.2	-9.7	-9.9		-3.7	1500	
43	9	-13.3	-14.2	-14.8	-14.1	-15.5	-15.1	-14.8	-16.5	-14.5	-11.8	-8.2	-7.3	-7.2	-6.5	-5.1	-5.0	-5.0	-5.7	-5.5	-4.2	-4.5	-9.0	-10.9	-11.2		-4.2	1900	
44	10	-16.8	-16.8	-17.2	-17.6	-17.5	-17.9	-17.9	-18.0	-16.2	-13.0	-10.9	-7.7	-7.3	-5.7	-6.0	-5.8	-6.2	-6.1	-6.6	-6.3	-6.9	-8.7	-8.6	-9.2		-5.7	1300	
45	11	-12.8	-13.1	-13.8	-14.1	-13.5	-14.7	-14.4	-13.8	-13.0	-11.0	-8.2	-10.3	-7.8	-6.7	-5.5	-4.2	-6.0	-6.4	-6.6	-6.2	-5.5	-5.0	-5.5	-6.2		-4.2	1500	
46	12	-11.9	-11.1	-11.0	-12.1	-12.1	-10.9	-11.2	-9.8	-9.6	-7.8	-4.9	-2.9	-2.9	-.9	-1.9	-2.0	-1.6	-1.7	-2.8	-4.5	-6.6	-5.5	-5.5	-5.5		-.9	1300	
	13	-7.7	-7.2	-6.0	-4.8	-6.0	-9.6	-8.2	-7.8	-7.1	-5.0	-2.0	-.9	-4.3	-3.8	-4.6	-5.1	-5.1	-4.8	-5.2	-5.4	-4.9	-3.1	-4.5	-4.4		-.9	1100	
	14	-9.0	-9.3	-9.0	-9.2	-9.8	-10.3	-10.5	-11.2	-10.8	-8.5	-5.0	-3.6	-5.2	-5.0	-3.3	-2.6	-4.9	-5.5	-5.0	-5.3	-5.8	-4.9	-4.2	-4.4		-2.6	1500	
	15	-7.2	-6.7	-6.8	-7.1	-6.7	-6.6	-6.8	-6.6	-7.1	-5.5	-4.2	-2.3	-2.6	-2.1	-1.9	-1.2	-1.1	-1.2	-.6	-3.5	-5.4	-5.0	-3.9	-2.9		-.6	1800	
	16	-7.6	-7.7	-8.4	-6.6	-6.4	-6.2	-4.2	-4.7	-4.4	-2.0	.3	1.6	-.1	-2.3	-2.0	-.4	-.1	-.4	-.2	-.3	-.2	-3.4	-4.1	-3.5		1.6	1100	
	17	-7.6	-7.3	-7.3	-7.2	-6.8	-8.2	-9.0	-9.8	-6.9	-5.7	-4.3	-2.8	-1.3	-4.0	-5.0	-2.9	-1.4	-1.8	-2.6	-2.6	-3.8	-4.2	-3.9	-3.8		-1.3	1200	
52	18	-8.3	-8.8	-9.1	-9.7	-10.0	-10.1	-9.5	-8.9	-9.1	-8.4	-6.0	-3.5	-6.0	-3.5	-4.3	-4.0	-4.5	-3.5	-3.1	-2.9	-1.3	-1.1	-2.5	-2.9		-1.1	2100	
53	19	-6.0	-6.4	-6.6	-6.0	-5.9	-5.7	-6.8	-6.2	-5.8	-4.0	-1.5	.7	-1.5	-2.0	-1.9	-.7	-1.0	-2.1	-3.5	-3.7	-4.0	-4.0	-4.0	-4.1		.7	1100	
54	20	-8.5	-8.6	-8.5	-7.9	-7.3	-6.6	-6.3	-6.6	-6.0	-4.9	-3.3	-2.1	-2.9	-1.9	-1.0	-.9	-.5	-.2	-1.3	-.2	.7	.2	1.5	2.1		2.1	2300	
55	21	-5.0	-5.5	-5.5	-5.2	-4.8	-4.3	-2.9	-1.5	-1.3	-.9	-.7	-.2	-2.0	-2.2	-2.3	1.3	2.2	2.9	3.0	4.0	4.0	3.9	3.8	.2		4.0	19/20	
	22	-5.9	-7.2	-7.8	-8.2	-7.5	-7.7	-7.6	-8.5	-9.3	-8.4	-7.6	-6.4	-6.6	-6.5	-7.2	-7.6	-7.6	-7.6	-9.9	-10.9	-11.6	-11.8	-12.1	-13.5		-5.9	0000	
	23	-17.6	-18.4	-18.6	-18.8	-19.4	-19.6	-20.1	-20.5	-19.4	-19.9	-18.8	-17.0	-14.2	-14.6	-14.7	-14.9	-14.3	-14.0	-14.0	-15.2	-14.7	-16.5	-18.1	-17.0		-14.0	17/18	
	24	-19.3	-19.6	-18.9	-20.1	-22.0	-22.1	-22.5	-23.1	-21.9	-19.4	-18.1	-16.1	-15.3	-14.7	-13.6	-13.5	-13.3	-13.8	-14.0	-13.9	-13.5	-13.5	-17.7	-19.4		-13.3	1600	
	25	-20.2	-20.9	-21.3	-22.7	-23.3	-23.4	-23.8	-24.5	-23.5	-20.9	-18.7	-15.2	-14.4	-15.2	-17.4	-18.1	-15.2	-14.2	-15.0	-16.5	-18.2	-18.8	-17.9	-18.2		-14.2	1700	
	26	-17.3	-17.2	-18.4	-19.1	-19.3	-18.3	-20.4	-20.9	-19.6	-16.6	-14.1	-12.6	-12.1	-10.4	-9.9	-10.3	-10.2	-11.7	-11.8	-12.5	-12.6	-12.6	-13.9	-16.0		-9.9	1400	
	27	-18.5	-18.8	-18.6	-19.6	-20.1	-19.6	-19.0	-19.3	-18.3	-17.7	-15.9	-12.4	-10.1	-8.4	-9.2	-10.0	-11.0	-11.5	-12.6	-12.3	-13.3	-13.6	-13.7	-13.2		-8.4	1300	
	28	-13.3	-13.7	-13.2	-13.4	-12.8	-13.2	-13.6	-12.8	-12.8	-13.2	-11.3	-9.3	-10.4	-9.7	-8.6	-8.8	-9.0	-9.0	-9.2	-11.0	-11.9	-11.5	-13.2	-12.4		-8.6	1400	
	29	-13.2	-13.0	-13.1	-12.5	-12.8	-12.6	-13.4	-12.0	-12.3	-11.4	-9.7	-7.9	-8.7	-9.4	-8.8	-9.3	-11.0	-11.2	-10.9	-11.9	-12.0	-12.3	-11.8	-11.7		-7.9	1100	
	30	-11.0	-11.4	-11.9	-11.6	-10.9	-10.9	-11.2	-11.7	-10.6	-10.7	-7.5	-7.9	-10.1	-10.2	-9.5	-10.3	-10.7	-12.2	-12.8	-12.8	-12.8	-14.3	-14.4	-13.8		-7.5	1000	
	31	-15.9	-14.7	-13.7	-14.6	-14.6	-14.3	-15.0	-15.4	-14.9	-13.2	-10.2	-9.3	-9.7	-9.2	-8.8	-10.6	-10.8	-13.0	-13.7	-14.1	-15.9	-17.7	-18.3	-17.5		-8.8	1400	
AVERAGE																													

Entered

CORRECTED DATA

QC Checked 3-24-75 By: D.G.

STATION TEMPERATURE (°C)

10 m

DATA FOR MONTH OF JAN. 1975 STATION NUMBER A9
REPORTING GROUP AEROVIRONMENT· INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C.T.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
1	-19.4	-19.1	-19.4	-20.1	-21.0	-20.7	-21.7	-22.2	-20.1	-18.0	-16.2	-13.0	-13.7	-13.0	-12.1	-13.1	-13.6	-13.7	-15.4	-16.0	-17.8	-19.2	-18.9	-18.4		-12.1	1400	
2	-19.4	-19.2	-20.3	-20.7	-20.6	-22.5	-22.1	-21.3	-20.0	-17.8	-13.6	-14.4	-12.8	-11.5	-13.0	-13.4	-12.5	-13.7	-15.4	-17.7	-17.5	-18.5	-19.4	-19.1				
3	-19.1	-19.0	-18.7	-20.6	-20.5	-20.6	-20.1	-21.2	-20.6	[illegible]	-17.7	-16.6	-15.4	-12.3	-11.1	-12.2	-13.4	-14.5	-14.4	-15.7	-17.0	-17.5	-18.7	-20.3				
4	-18.4	-18.3	-18.2	-18.2	-19.2	-19.5	-20.0	-19.6	-18.8	[illegible]	[illegible]	-15.7	-13.8	-11.9	-12.3	-12.3	-12.6	-12.6	-12.3	-13.5	-13.7	-12.2	-14.2	-13.6				
5	-15.2	-15.4	-15.8	-16.7	-16.7	-15.9	-15.2	-15.0	-14.8	-15.5	-14.9	-13.2	-10.5	-8.2	-8.1	-7.9	-8.8	-8.1	-8.8	-8.5	-8.0	-8.5	-8.4	-8.5				
6	-7.6	-8.1	-9.5	-9.9	-9.0	-11.0	-12.0	12.5	-12.7	-11.7	-10.6	-9.3	-7.4	-8.0	-6.5	-5.0	-5.5	-6.2	-7.5	-9.0	-10.1	-11.2	-11.9	-11.9				
7	-11.3	-10.2	-10.0	-11.6	-11.9	-10.6	-12.1	-13.2	-13.5	-10.7	-8.1	-6.6	-4.5	-4.2	-4.3	-4.3	-5.9	-6.7	-7.1	-9.0	-8.8	-9.3	-8.7	-8.8				
8	-7.7	-7.4	-8.5	-8.7	-8.7	-8.1	-5.8	-4.9	-4.8	-5.2	-5.2	-10.0	-9.3	-8.3	-7.4	-8.0	-8.7	-8.9	-9.4	-9.7	-9.6	-10.3	-9.9	-10.7				
9	-11.9	-11.8	-12.4	-11.8	-12.8	-14.7	-15.8	-15.4	-14.1	-11.5	-10.2	-9.7	-8.2	-6.8	-6.0	-5.8	-9.3	-11.0	-13.2	-13.7	-14.2	-14.5	-15.2	-12.3				
10	-19.5	-19.7	-20.0	-20.9	-21.5	-21.9	-23.0	-22.7	-21.4	-18.3	-18.0	-17.0	-17.5	-15.7	-13.8	-14.1	-16.8	-18.1	15.3	-18.6	-19.6	-19.5	-19.8	-20.6				
11	-20.7	-21.0	-20.1	-21.5	-22.7	-23.3	-22.1	-22.3	-21.2	-16.2	-13.9	-13.3	-11.0	-11.3	-11.4	-13.3	-14.6	-15.1	-16.9	-20.3	-20.1	-18.5	-19.4	-20.0				
12	-19.1	-20.3	-22.2	-23.6	-24.3	-24.6	-25.4	-22.5	-23.4	-23.6	-22.0	20.5	-16.0	-14.6	-13.7	-13.6	-15.8	-18.2	-17.6	-18.7	-19.4	-21.0	-21.3	-21.2				
13	-18.2	-18.8	-19.9	-20.7	-20.9	-21.2	-21.6	-21.6	-21.4	-17.5	-17.1	-13.9	-12.8	-13.3	-12.4	-13.5	-14.5	15.1	-17.9	-18.5	-18.8	-19.8	-20.3	-20.1				
14	-18.5	-19.1	-20.1	-20.5	-20.9	-21.6	-21.4	-20.6	-20.0	-19.1	-15.9	-13.2	-11.3	-11.8	-10.0	-9.7	-12.4	-13.9	-14.5	-14.3	-16.2	-17.7	-18.7	-19.1				
15	-19.1	-19.2	-19.1	-20.1	-19.7	-19.8	-20.1	-19.4	-16.3	-16.2	-16.5	-12.7	-9.8	-8.5	-9.1	-9.6	-10.6	-12.8	-13.4	-13.2	-14.8	-16.5	-17.1	-16.5				
16	-15.0	-14.7	-15.4	-15.4	-15.3	-16.2	-17.0	-16.2	-14.7	-11.9	-11.5	-11.7	-8.7	-7.7	-8.9	-9.4	-10.6	-12.6	-12.9	-13.1	-13.9	-14.4	-15.1	-15.5				
17	-14.1	-14.9	-16.6	-15.9	-15.0	-15.0	15.7	-15.4	-14.6	-13.9	-11.4	-9.8	-4.8	-4.7	-6.3	-7.1	-8.5	-11.0	-10.9	-11.7	-11.7	-13.8	-14.2	-14.3				
18	-13.0	-13.1	-13.6	-13.5	-13.5	-13.2	-15.4	-15.2	-14.2	-13.5	-10.6	-8.9	-6.0	-4.5	-3.0	-3.0	-6.8	-7.5	-7.5	-7.6	-7.1	-5.7	-7.5	-8.4				
19	-8.2	-7.8	-8.5	-9.0	-8.6	-8.7	-9.2	-10.2	-10.4	-11.2	-9.4	-6.3	-1.4	-1.0	-1.4	-1.8	-2.8	-3.6	-5.9	-7.4	-7.7	-8.2	-8.2	-4.7				
20	-8.3	-7.9	-9.4	-10.9	-11.6	-12.3	-13.6	-14.2	-12.8	-11.6	-10.5	-8.2	-5.8	-3.1	-3.4	-2.2	-3.7	-5.9	-3.9	-4.1	-3.3	-3.4	-2.0	-1.3				
21	-.3	-1.5	-2.2	-2.6	-6.1	-11.4	-11.2	-11.5	-11.0	-10.7	[illegible]	-11.3	-7.2	-7.7	-7.3	-7.6	-7.5	-9.2	-10.8	-10.5	-11.7	-12.4	-13.9	-14.4				
22	-15.2	-16.6	-17.9	-17.9	-18.7	-19.3	-19.6	-19.9	-18.8	-13.2	-15.6	-12.7	-10.8	-9.3	-7.7	-7.7	[illegible]	-11.6	-12.7	[illegible]	-14.2	-14.4	-15.3	-15.0				
23	-14.0	-15.7	-16.3	-15.5	-16.1	-14.7	-14.2	-15.2	-13.9	-11.5	-9.9	-9.0	-6.4	-5.8	-5.1	-5.0	-8.0	-9.5	-10.4	-11.4	-11.5	-12.3	-12.5	-13.6				
24	-12.4	-12.2	-13.2	-13.9	-13.5	-13.7	-11.2	-10.3	-7.9	-3.9	-4.0	-1.0	-.2	1.2	2.2	2.6	2.3	1.5	2.0	-1.4	-2.4	-2.6	-4.2	-3.7				
25	-2.9	-2.9	-2.9	-3.2	-3.1	-2.4	-2.4	-1.4	1.4	2.7	4.0	5.9	5.8	8.3	8.4	8.5	8.4	6.7	4.6	3.8	3.1	2.7	3.1	2.7				
26	4.8	3.7	2.7	3.5	3.6	2.3	2.0	1.7	3.0	3.9	7.1	5.6	8.0	8.9	8.7	8.5	8.1	5.7	4.0	.8	-2.0	-4.0	-5.6	-7.8				
27	-5.6	-6.2	-7.6	-8.4	-1.3	-7.8	-7.8	-7.7	-7.7	-7.3	-6.9	-5.6	-4.8	-4.7	-4.8	-5.1	-6.2	-7.6	-8.2	-8.2	-8.4	-8.2	-7.7	-9.2				
28	-9.1	-9.7	-9.2	-9.8	-10.5	-9.7	-9.5	-11.1	-9.0	-9.6	-9.5	-5.0	[illegible]	-7.8	-8.2	-5.6	-9.4	-10.6	-11.2	-14.1	-16.0	-16.6	-19.1	-20.3				
29	-21.3	-20.9	-21.9	-22.0	-21.6	-23.2	-22.5	-22.7	-20.8	-19.7	[illegible]	-11.5	-7.5	-9.8	-12.1	-13.2	-13.3	-14.5	-17.7	-18.0	-19.0	-19.2	-19.0	-19.2				
30	-19.1	-19.9	-19.9	-20.1	-19.8	-20.1	-19.6	-19.6	-17.4	-14.5	-12.7	-12.0	-5.9	-10.1	-8.3	-9.9	-11.8	-13.3	-12.6	-12.6	-12.5	-13.1	-14.5	-14.4				
31	-12.8	-12.8	-12.0	-13.0	-13.0	-13.5	-14.3	-13.8	-13.7	-10.7	-9.8	-5.9	-5.6	-7.4	-7.7	-9.8	-11.7	-12.1	-12.8	-12.4	-13.2	-12.6	-14.2	-13.8				
AVERAGE																												

STATION A-10

WIND SPEED -10m
mph

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 10

AEROVIRONMENT INC.

REPORT PREPARED BY

QC Checked 4/5/75 By: SD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
9	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	3.5	4.5	3.5	3.5	10.5	6.0	2.0	1.5	2.0	2.5	2.5	2.0	3.5	10.5
10	3.0	1.0	2.0	2.0	2.5	2.5	2.5	2.0	2.5	2.5	3.5	5.0	8.0	7.5	6.5	13.0	14.5	10.0	12.0	9.0	5.5	2.5	1.5	2.5	5.0	14.5
11	3.0	2.5	1.5	1.5	1.0	1.0	2.5	1.5	2.0	2.5	2.5	3.0	4.5	4.5	4.0	2.5	2.5	2.5	2.0	3.0	2.5	2.5	2.5	2.5	2.5	4.5
12	2.0	2.5	1.5	1.5	2.0	1.5	1.0	1.5	1.0	1.5	2.0	2.5	2.5	4.0	3.5	2.5	2.5	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.0	4.0
13	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	2.5	2.0	2.5	4.0	4.0	4.5	3.0	1.5	2.0	9.5	5.0	2.5	3.0	2.5	2.5	1.5	3.0	9.5
14	1.0	1.0	1.5	1.5	1.0	2.0	1.0	1.0	1.0	1.5	2.0	3.0	3.5	3.5	6.0	2.5	2.5	2.5	2.5	2.5	1.5	2.0	2.0	2.5	2.0	6.0
15	2.5	2.5	2.0	3.0	2.5	2.5	2.0	2.5	3.0	4.0	3.0	5.5	3.0	2.5	2.0	2.0	2.5	2.0	2.5	2.5	2.0	3.5	2.5	2.5	2.5	5.5
16	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.0	1.5	2.0	2.0	2.5	3.5	3.0	3.5	2.0	2.5	1.5	1.5	3.0	2.5	2.5	2.5	3.0	2.5	3.5
17	2.5	2.5	2.0	2.0	2.5	2.5	2.5	1.5	2.0	1.5	2.0	3.0	3.0	2.5	2.5	2.0	2.0	3.5	2.5	2.5	2.0	2.5	2.5	1.5	2.5	3.5
18	2.5	3.0	3.0	2.0	2.0	2.5	2.5	2.0	2.0	1.5	1.5	2.5	1.5	2.0	5.0	2.5	2.5	9.5	16.0	11.5	11.5	8.5	10.5	7.0	5.0	16.0
19	5.0	2.5	2.0	2.5	2.5	2.5	2.0	2.5	1.5	2.5	3.0	5.0	8.0	8.0	8.0	5.5	3.5	1.0	2.0	2.0	2.0	3.0	2.0	2.0	3.5	8.0
20	1.5	2.5	2.5	2.5	2.5	2.5	3.0	2.0	1.0	1.0	2.5	4.0	5.0	5.0	4.0	2.5	2.0	4.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0
21	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.0	1.5	1.5	2.5	5.0	4.5	3.0	2.5	2.0	1.5	1.5	2.5	2.5	2.5	3.5	2.0	2.0	2.5	5.0
22	2.5	2.5	2.5	3.0	2.5	2.0	2.5	2.0	1.5	1.5	2.0	2.5	5.0	2.5	3.5	6.5	10.0	9.0	8.5	3.0	2.5	2.5	3.0	3.0	3.5	10.0
23	2.5	4.5	2.5	2.0	2.0	2.5	3.0	2.5	1.5	3.0	2.5	3.5	4.0	3.0	2.5	2.0	1.5	2.5	2.5	1.5	1.0	2.0	2.5	2.5	2.5	4.5
24	1.5	1.5	1.5	1.5	2.0	1.5	2.5	1.5	1.0	2.5	2.0	2.0	2.5	3.5	3.0	2.5	1.5	1.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	3.5
25	2.5	2.5	2.0	2.0	1.5	1.5	2.0	2.0	1.5	2.0	1.5	4.5	3.0	2.5	4.0	2.5	2.0	2.5	4.0	10.0	11.5	8.0	4.0	2.0	3.5	11.5
26	2.5	2.5	2.5	5.0	2.5	2.5	2.0	2.5	1.5	2.5	5.0	5.5	6.0	5.5	4.5	3.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.5	3.0	6.0
27	2.0	2.5	2.0	2.5	2.5	2.0	2.0	1.5	1.0	2.0	2.0	3.0	4.5	3.5	3.5	2.5	1.5	2.5	2.0	2.5	2.0	2.5	1.5	2.5	2.5	4.5
28	5.5	2.0	2.0	2.5	2.5	1.0	1.5	2.0	3.0	4.0	4.0	4.5	4.0	10.0	14.5	11.5	9.5	6.5	5.0	5.5	3.0	2.5	2.5	3.5	4.5	14.5
29	2.5	2.5	2.5	1.5	2.5	2.5	2.5	1.5	1.5	1.5	2.5	2.5	3.0	4.0	4.0	2.5	2.0	2.5	2.5	2.0	2.5	2.5	2.0	2.5	2.5	4.0
30	2.5	2.0	2.0	1.5	2.0	1.0	1.5	1.0	2.5	1.0	2.0	2.5	3.5	6.0	5.0	4.5	2.0	1.5	1.0	2.5	2.0	1.5	2.5	2.0	2.5	6.0
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	2.5	3.5	4.0	4.5	4.5	3.5	4.0	4.0	4.0	3.5	3.0	2.5	2.5	2.5		

WIND SPEED—10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 10

AEROVIRONMENT INC.

REPORT PREPARED BY /S.O

QC Checked 4/9/75 By: S.O.

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	1.5	2.5	2.0	2.0	2.0	2.0	1.0	1.5	1.5	2.0	2.5	3.0	4.5	4.5	3.5	1.5	2.0	2.5	2.5	2.5	2.0	2.5	2.5	2.5	4.5
2	2.5	2.5	2.0	2.5	1.0	2.0	2.0	1.5	1.5	2.0	2.0	3.0	3.5	2.5	2.5	2.0	2.0	2.0	2.5	2.0	2.5	2.0	3.0	2.5	2.0	3.5
3	2.5	2.0	1.5	2.5	2.0	2.0	2.5	2.0	1.5	2.0	2.0	4.5	5.5	5.0	4.0	2.0	2.5	3.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	5.5
4	2.0	2.5	2.5	2.0	2.5	2.0	2.5	2.0	2.0	1.5	2.5	3.0	3.0	2.5	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	1.5	2.5	3.0
5	1.5	2.0	2.0	2.0	2.5	1.5	1.0	1.0	1.0	2.5	2.5	3.0	2.0	2.0	2.5	2.5	3.0	3.0	1.5	2.5	2.5	4.0	1.5	2.0	2.0	4.0
6	2.5	3.0	1.5	2.0	2.5	3.0	2.5	1.0	1.5	1.5	4.0	2.5	3.5	4.5	2.5	2.5	3.0	2.0	2.5	2.5	2.5	1.5	1.5	1.5	2.5	4.5
7	2.0	1.5	1.5	2.0	1.5	1.5	1.5	2.0	2.5	2.0	3.0	5.0	4.0	4.5	←#1→		8.0	8.0	6.5	9.0	7.5	3.5	4.5	3.0	4.0	9.0
8	2.5	2.5	4.0	2.5	1.5	2.5	2.5	2.5	2.0	2.5	2.0	2.0	3.0	2.5	3.5	2.5	2.5	2.5	3.0	2.0	1.5	1.0	1.0	1.0	2.5	4.0
9	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.5	2.0	2.0	2.5	3.0	4.5	4.0	2.5	2.5	1.5	1.5	2.0	2.5	2.0	2.0	2.0	4.5
10	2.0	1.0	1.0	1.5	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.5	4.5	5.0	4.5	3.0	2.0	2.5	2.0	1.5	2.0	2.5	2.5	3.0	2.0	5.0
11	2.5	2.0	2.0	2.0	1.5	2.0	2.0	1.5	1.0	2.0	2.0	2.5	2.5	6.0	6.0	2.5	1.0	2.0	2.5	2.0	2.0	2.5	3.5	3.0	2.5	6.0
12	2.5	2.0	2.5	2.5	3.0	2.5	2.5	3.0	1.5	2.0	2.5	2.5	3.0	2.5	3.0	3.5	2.5	2.5	3.0	3.5	2.5	2.5	3.0	2.5	2.5	3.5
13	2.0	2.0	2.0	1.5	2.0	7.5	3.0	1.5	2.5	3.0	7.5	7.5	9.5	12.5	16.0	12.5	9.5	9.5	9.0	10.0	10.0	6.5	3.5	5.0	6.5	16.0
14	5.5	4.0	2.5	3.5	3.0	2.5	2.5	3.0	2.5	1.5	2.0	1.5	3.0	3.0	2.5	3.5	3.0	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	5.5
15	3.0	2.5	2.5	2.5	2.5	5.0	2.5	3.0	3.0	2.0	1.5	1.5	2.5	4.0	4.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.5	2.5	5.0
16	2.5	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.5	3.0	3.0	4.5	3.0	2.5	4.0	2.5	2.5	2.5	3.5	2.5	2.5	2.5	2.5	2.5	4.5
17	2.0	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.0	1.5	2.5	3.0	3.0	5.0	8.0	2.5	12.0	14.5	11.0	8.5	3.5	4.0	3.0	2.5	4.5	14.5
18	2.0	2.5	2.5	3.0	2.5	3.5	1.5	1.5	1.0	2.0	2.0	2.5	2.5	2.5	3.0	1.5	1.0	2.0	1.5	2.0	2.0	1.5	2.5	2.5	2.0	3.5
19	2.5	2.5	2.5	2.5	2.5	2.5	2.0	3.5	2.0	3.5	3.0	5.5	15.0	14.5	16.0	12.5	10.5	10.0	11.5	6.0	2.0	3.5	4.0	3.0	6.0	16.0
20	2.5	2.5	1.5	2.5	2.0	1.0	1.0	1.5	.0	.0	2.5	2.5	2.0	1.5	2.0	2.5	5.0	2.5	2.5	2.5	1.0	2.0	2.0	2.5	2.0	5.0
21	2.5	2.5	2.5	2.5	2.5	2.0	2.5	1.0	2.5	2.0	2.0	1.5	2.5	4.0	2.5	2.5	5.5	9.0	10.0	8.0	11.0	15.5	9.5	17.0	5.0	17.0
22	17.0	20.0	19.5	17.0	13.0	10.0	8.5	6.0	2.0	5.0	11.0	11.5	11.0	12.5	13.0	11.5	10.0	7.0	6.5	7.0	3.5	1.5	2.0	3.0	9.5	20.0
23	2.0	2.0	2.5	3.5	2.0	2.0	2.5	1.5	2.0	1.0	1.0	1.5	2.5	4.0	3.0	6.0	6.5	7.0	4.5	2.5	3.0	4.0	4.0	5.0	3.0	6.5
24	2.5	3.0	3.5	2.5	2.5	2.5	1.5	2.0	1.5	2.0	2.0	2.5	2.5	3.0	3.0	2.5	2.0	3.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.5
25	1.0	1.5	1.5	2.5	2.0	2.5	2.5	1.5	1.5	1.5	1.5	2.0	4.0	4.0	5.0	3.5	2.5	2.0	2.5	2.5	2.0	2.5	2.5	1.5	2.5	5.0
26	1.5	1.5	2.0	2.5	2.0	2.0	2.5	2.0	2.5	2.5	2.5	2.5	4.5	2.5	3.0	2.5	3.0	2.5	3.5	2.5	2.5	1.0	1.0	2.0	2.5	4.5
27	2.5	1.5	2.0	2.0	2.5	2.0	1.5	1.0	.0	1.5	1.0	2.0	3.0	4.0	4.5	2.5	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.0	4.5
28	2.5	2.0	1.5	1.5	2.0	2.0	1.0	1.5	1.5	1.0	1.0	2.5	2.0	1.5	2.0	2.0	2.0	2.5	3.0	2.5	2.5	2.0	2.0	1.0	2.0	3.0
29	2.0	2.0	2.0	1.5	2.0	2.5	1.0	1.5	1.0	1.5	1.5	1.0	1.5	2.0	2.0	2.0	3.0	1.5	2.0	2.5	2.5	2.5	1.0	1.0	2.0	3.0
30	1.5	1.0	1.5	1.0	1.5	2.0	3.5	2.5	2.0	2.0	2.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.5	3.5
31	2.5	1.0	1.0	1.5	1.0	1.0	1.5	3.0	2.5	1.0	1.0	2.5	2.0	2.5	2.5	5.0	3.5	2.5	1.5	2.5	2.5	2.5	2.0	2.0	2.0	5.0
AV	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.5	3.0	4.0	4.5	4.5	4.0	4.0	4.0	3.5	3.5	3.0	3.0	2.5	3.0		

WIND SPEED -10M
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 10

AEROVIRONMENT INC.

REPORT PREPARED BY A.T

QC Checked 4/4/75 By: JGB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	1.0	2.0	2.0	2.5	2.5	2.0	.0	2.0	1.0	1.0	1.0	2.5	2.5	1.5	2.0	3.0	1.0	2.5	1.5	2.5	2.5	2.5	2.5	2.0	3.0
2	2.5	2.5	2.5	2.5	1.5	2.5	2.0	2.0	1.5	1.5	2.0	1.5	2.5	2.5	2.5	4.5	nc	2.5	2.5	1.5	2.5	2.5	2.5	2.5	2.5	4.5
3	3.0	2.5	2.5	2.0	2.0	2.5	2.5	2.5	1.5	1.5	1.5	2.0	2.5	2.5	3.0	4.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.0	2.5	4.0
4	1.5	1.0	2.5	1.5	1.5	2.5	2.5	2.5	1.5	1.5	2.0	1.0	2.5	3.5	2.5	3.5	3.5	1.5	2.5	3.0	3.0	3.0	2.5	3.0	2.5	3.5
5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.0	2.0	2.0	2.0	1.5	1.5	3.5	3.0	2.5	1.5	3.0	3.5	2.0	2.0	2.5	2.5	2.0	2.5	3.5
6	2.0	2.5	2.0	2.0	1.5	1.5	2.0	2.5	2.5	2.5	1.5	1.0	3.0	1.5	2.5	6.0	5.5	5.5	3.0	2.0	2.5	1.5	2.5	2.5	2.5	6.0
7	2.5	2.0	2.5	1.5	1.5	2.0	2.5	2.0	1.5	2.0	2.5	3.5	5.0	9.0	8.0	2.5	2.5	3.0	3.5	2.5	2.5	2.5	2.0	2.0	3.0	9.0
8	1.5	2.5	2.5	1.0	2.5	1.5	2.0	3.0	7.5	8.5	6.0	6.5	2.0	2.5	2.5	2.5	3.5	4.5	5.0	2.5	2.5	2.0	2.0	4.0	3.5	8.5
9	4.5	3.5	2.5	3.5	2.5	2.5	2.5	2.0	2.0	1.0	1.5	2.5	2.0	2.0	2.0	2.0	1.5	1.5	4.0	4.0	7.0	8.0	4.5	3.0	3.0	8.0
10	3.0	3.0	4.0	2.5	3.0	3.0	2.5	2.5	1.5	1.0	1.5	1.5	2.0	2.0	2.0	3.0	1.0	2.0	2.0	3.0	3.0	3.0	3.5	3.5	2.5	4.0
11	2.5	2.5	1.5	2.0	2.0	2.0	1.5	3.5	1.5	1.0	1.0	1.0	2.5	3.0	6.0	4.5	3.0	3.5	3.5	3.0	2.5	6.5	13.5	10.5	3.5	13.5
12	4.0	2.5	1.5	1.0	1.5	.0	1.5	1.0	1.0	1.5	1.5	2.0	2.5	4.5	3.5	4.5	3.0	2.5	1.5	4.5	2.0	1.0	2.0	2.5	2.0	4.5
13	3.0	3.0	2.5	2.5	2.5	2.5	2.5	1.0	2.0	2.5	2.0	2.5	3.0	4.0	5.0	3.5	2.5	3.0	2.5	3.0	3.0	2.5	2.5	2.5	2.5	5.0
14	2.5	2.5	2.0	2.0	1.0	2.5	2.5	2.5	1.5	2.0	1.5	3.0	3.5	2.5	2.0	2.0	1.5	2.5	3.5	2.5	2.0	2.5	2.5	2.5	2.5	3.5
15	2.5	3.0	2.5	2.5	1.0	2.5	2.0	2.5	1.5	1.5	1.0	1.5	1.5	1.5	2.0	2.5	3.0	2.5	3.0	3.5	2.5	2.5	2.5	3.0	2.5	3.5
16	3.0	2.5	2.5	2.0	1.5	2.0	2.0	2.0	1.0	1.0	1.5	2.5	2.5	3.0	4.0	3.5	4.5	4.0	2.5	2.5	2.5	3.0	3.5	3.0	2.5	4.5
17	2.5	2.0	2.5	2.5	2.5	1.5	1.5	2.0	2.0	2.0	1.5	2.5	3.0	5.0	4.5	4.5	4.5	2.5	2.5	2.5	3.5	2.5	2.5	2.5	2.5	5.0
18	2.5	2.5	2.5	2.0	2.5	2.0	2.5	2.0	2.0	2.0	2.5	2.0	2.5	2.5	3.0	6.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6.5
19	2.5	2.5	2.0	2.0	2.5	2.5	2.0	1.5	1.5	1.0	2.0	2.0	2.5	2.5	4.0	5.0	1.5	2.5	2.5	2.5	2.5	1.5	3.0	2.0	2.5	5.0
20	2.0	1.5	2.0	3.0	2.5	2.0	2.5	2.5	2.0	1.5	2.5	2.5	2.5	3.0	6.0	4.0	3.0	2.5	3.0	3.0	2.5	2.5	6.5	8.5	3.0	8.5
21	8.0	8.5	7.0	8.5	8.5	12.5	9.5	7.5	6.5	8.0	10.0	15.0	14.0	9.5	12.0	11.0	7.0	2.5	3.5	2.5	2.5	2.5	2.5	2.5	7.5	15.0
22	2.5	2.5	2.5	2.5	2.0	2.5	2.0	2.0	1.0	2.5	1.5	1.5	3.0	3.0	2.5	3.0	2.0	1.5	2.5	3.5	2.0	1.0	2.5	2.5	2.5	3.5
23	2.5	2.0	2.0	2.5	2.0	2.5	1.5	2.0	2.0	2.0	2.0	3.0	4.0	4.0	3.5	5.0	2.5	2.0	4.0	2.5	2.5	2.5	2.5	3.0	2.5	5.0
24	2.0	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.5	2.5	2.5	5.0	4.5	2.5	3.0	2.5	2.0	2.0	2.5	3.0	2.5	5.0
25	2.0	2.0	2.5	1.5	2.5	2.0	2.0	2.0	1.5	2.5	2.0	4.5	9.0	11.0	13.0	10.5	4.5	2.5	2.0	3.5	3.0	1.5	2.0	2.0	4.0	13.0
26	2.0	2.5	3.0	1.5	2.0	2.5	2.5	2.0	2.5	3.5	6.0	10.5	11.0	13.0	13.5	11.0	6.5	6.0	9.5	9.0	7.5	2.5	3.0	2.5	5.5	13.5
27	1.0	2.0	1.5	2.0	2.0	1.5	2.0	1.0	1.0	3.0	3.5	2.5	4.0	4.0	3.0	4.5	5.0	3.5	2.5	1.0	1.5	1.0	3.0	3.0	2.5	5.0
28	1.5	2.5	4.0	2.0	2.5	5.0	3.0	2.5	2.5	3.0	3.0	4.0	8.5	10.0	13.5	12.0	10.5	4.5	2.5	2.5	3.0	2.5	2.5	2.5	4.5	13.5
29	3.0	3.5	2.5	2.0	2.0	1.0	1.5	2.0	1.0	1.0	1.0	2.0	1.5	2.0	2.0	1.0	2.0	3.0	2.5	3.0	2.5	3.5	2.5	2.5	2.0	3.5
30	2.0	2.0	1.5	1.5	2.0	2.0	1.5	1.0	1.0	1.5	2.0	2.0	2.5	2.5	3.0	1.5	1.5	1.5	1.5	1.0	2.5	5.0	3.0	1.5	2.0	5.0
31	2.5	3.0	2.5	2.0	3.0	2.5	1.5	1.5	2.0	2.0	2.0	4.5	3.0	2.5	2.5	2.5	2.5	2.5	1.5	2.0	1.0	2.0	2.5	2.0	2.5	4.5
AV	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.5	2.5	3.0	3.5	4.0	4.5	4.5	3.5	3.0	3.0	3.0	3.0	2.5	3.0	3.0		

WIND DIRECTION - 10 M
DEG

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
NOVEMBER, 1974
SITE A 10
AEROVIRONMENT INC.
REPORT PREPARED BY B.A/C.T

QC Checked 4/1/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	START $$$ →	160	320	200	285	50	60	185	280	300	105	0	55	3
10	80	235	10	40	330	0	310	350	230	345	305	180	200	210	225	250	255	250	245	240	240	15	110	310	12
11	305	310	320	225	320	335	300	5	165	90	190	235	235	290	285	210	115	290	310	310	325	330	335	335	15
12	315	320	340	315	15	330	70	350	70	90	85	335	220	230	240	230	260	305	10	10	325	325	315	10	15
13	20	15	345	320	345	10	50	345	300	120	100	215	35	20	145	205	10	255	250	300	15	325	335	350	2
14	210	230	335	195	270	310	260	335	225	5	115	290	240	255	265	260	255	315	325	20	0	340	90	15	13
15	45	10	65	335	35	305	25	170	275	230	280	255	25	115	10	320	305	295	295	305	290	320	35	325	15
16	310	325	310	325	315	330	330	50	100	80	345	305	95	330	240	155	285	245	235	305	320	325	325	325	15
17	325	305	305	320	330	305	[illegible]	55	150	25	250	250	270	300	155	155	325	315	330	165	80	45	35	0	15
18	335	310	345	335	40	340	345	45	85	145	195	120	45	320	250	225	270	275	265	265	260	255	245	255	13
19	275	55	65	120	65	90	50	170	15	265	165	240	240	230	240	245	280	185	80	80	310	340	345	30	5
20	40	5	35	10	5	10	30	40	45	10	255	255	260	255	245	165	240	335	30	20	0	340	45	60	1
21	15	40	25	10	25	50	50	95	85	[illegible]	225	270	235	50	175	165	255	310	335	25	20	15	345	255	2
22	40	15	10	5	50	75	30	10	95	350	345	315	235	300	55	265	265	260	265	255	5	80	115	330	1
23	170	240	265	145	300	80	30	100	50	95	265	245	230	55	20	285	305	5	20	50	335	15	20	50	2
24	340	15	20	320	20	340	355	50	5	95	355	5	10	160	185	215	270	350	305	5	340	340	350	330	1
25	15	10	20	355	25	20	30	21	5	45	320	280	295	100	355	250	340	55	0	255	255	270	345	15	2
26	65	65	50	85	60	60	40	125	10	45	235	245	225	250	250	255	355	325	330	25	25	190	360	10	1
27	0	0	5	10	10	30	35	45	75	120	5	235	240	240	235	235	300	325	30	45	35	50	60	335	3
28	10	35	30	50	245	20	90	240	265	270	230	145	50	25	15	20	15	20	340	355	325	315	55	340	2
29	20	40	30	15	20	0	40	350	120	100	65	335	65	70	65	40	265	330	315	55	40	330	330	330	2
30	325	340	15	340	130	140	5	40	125	20	40	320	215	250	240	260	310	15	5	5	25	50	345	5	1
31	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
PV	15	15	2	1	2	16	3	3	5	5	11	12	11	12	12	11	13	15	15	1	2	16	16	16	

WIND DIRECTION - 10 m
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 10

AEROVIRONMENT INC.

REPORT PREPARED BY B.A

QC Checked 4/1/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	305	335	330	335	25	25	15	45	70	75	15	295	255	225	245	255	340	350	350	20	355	340	20	5	2	
2	15	10	20	40	30	15	30	45	120	110	75	310	230	225	205	210	315	310	325	325	340	355	25	355	2	
3	5	355	345	20	350	10	15	50	145	10	265	[illegible]	240	245	240	225	295	345	10	5	350	10	345	15	1	
4	355	30	50	25	20	40	20	40	125	20	85	340	245	305	245	260	260	260	85	10	50	35	20	325	2	
5	60	105	75	240	335	140	160	200	275	215	100	95	35	50	75	50	85	90	345	55	350	50	20	350	3	
6	320	335	345	50	325	275	290	355	75	30	210	20	70	55	320	200	280	340	275	320	270	345	20	355	13	
7	325	15	25	320	310	275	10	40	350	35	230	240	255	275	MT	MT	40	25	20	25	30	0	35	325	2	
8	250	315	320	315	0	5	345	355	305	115	80	50	200	340	225	230	260	335	340	320	320	310	330	285	15	
9	285	300	325	330	315	325	330	15	65	30	105	25	110	10	235	245	265	325	300	330	345	335	340	340	16	
0	315	315	325	300	315	340	20	20	30	130	100	220	230	255	265	225	230	330	325	35	30	355	350	30	2	
1	25	335	5	335	350	5	10	25	65	145	170	220	195	250	260	250	270	355	20	330	340	350	345	350	1	
2	320	355	0	0	340	355	20	40	25	115	95	155	345	285	170	70	135	320	25	35	5	5	40	30	1	
3	15	45	135	80	290	245	40	175	20	355	240	290	260	260	260	260	265	265	270	260	265	275	350	25	13	
4	345	0	70	105	70	80	15	15	50	50	140	55	325	295	105	60	80	345	10	35	85	25	65	70	4	
5	45	15	80	125	145	325	0	350	40	5	40	25	80	75	45	5	325	70	330	0	35	25	45	85	3	
6	345	60	85	115	235	255	220	40	55	330	75	335	280	260	90	100	200	320	350	15	40	0	35	40	3	
7	15	20	20	35	15	335	30	30	345	10	320	295	230	255	250	20	315	275	280	285	245	30	355	355	2	
8	345	5	340	355	15	25	30	35	255	125	135	120	10	260	280	270	170	330	10	30	85	60	20	335	2	
9	35	20	30	40	345	340	330	0	50	12[illegible]	135	215	260	255	265	265	265	269	270	280	350	25	25	35	13	
0	15	25	40	40	50	40	50	75	65	45	255	25	35	30	75	85	70	110	90	0	40	65	0	25	3	
1	40	15	10	20	50	35	30	90	85	140	155	350	260	255	175	0	255	245	275	240	220	225	230	290	12	
2	255	260	265	260	280	270	275	275	40	160	265	270	250	235	240	260	285	275	270	270	265	280	340	25	13	
3	60	350	355	330	335	330	15	355	10	60	350	310	30	115	85	75	70	75	85	75	70	70	95	120	4	
4	110	355	330	350	340	350	325	305	285	135	70	325	50	5	15	25	105	345	350	345	15	20	5	[illegible]	1	
5	25	340	5	5	350	350	355	20	45	115	30	10	310	235	245	230	210	325	295	325	325	0	345	340	1	
6	290	30	30	345	10	30	15	330	180	75	115	175	290	250	300	235	205	15	335	10	5	320	335	315	2	
7	305	20	355	5	350	350	30	10	350	345	345	35	100	255	260	245	255	10	325	350	35	35	15	30	1	
8	10	25	5	65	15	340	35	5	70	325	65	330	330	5	355	350	165	315	310	320	330	50	70	320	1	
9	310	95	295	160	15	325	85	355	310	310	335	305	15	60	15	335	330	315	325	330	350	355	320	65	15	
0	165	115	80	110	70	335	350	325	315	55	335	0	320	195	260	240	185	330	330	330	315	0	10	25	16	
1	10	25	115	110	20	70	55	15	5	35	355	245	275	245	250	255	310	325	310	320	5	350	355	330	1	
V	15	2	1	1	2	1	2	3	3	6	5	2	12	12	12	12	13	15	13	15	1	1	2	2		

WIND DIRECTION-10M
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 10

AEROVIRONMENT INC.

REPORT PREPARED BY C.T

QC Checked 1/2/75 By: SD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	15	15	0	5	20	15	20	40	35	70	355	340	325	115	70	20	285	310	320	340	325	330	35	5	2	
2	25	10	350	15	20	20	20	60	55	85	40	100	70	350	65	40	[illegible]	200	20	320	350	10	0	350	1	
3	350	350	0	355	0	0	315	5	350	70	40	350	30	220	230	230	250	305	310	315	320	325	350	355	1	
4	45	85	10	30	35	355	20	330	330	100	145	85	10	260	145	300	255	185	285	25	335	330	325	25	2	
5	55	25	30	25	15	10	20	15	50	110	0	35	25	245	245	305	355	350	30	25	110	60	110	205	2	
6	170	350	345	295	270	280	345	0	25	105	100	305	270	300	235	300	190	280	300	190	295	350	305	310	14	
7	355	55	0	350	355	170	200	335	315	335	345	300	285	265	260	275	30	305	330	335	355	345	25	75	16	
8	95	30	5	35	340	45	65	295	180	255	260	270	330	280	290	200	185	315	280	30	355	200	335	320	13	
9	250	235	340	310	310	310	315	345	310	45	45	335	50	10	355	5	45	260	280	265	275	[illegible]	175	355	15	
10	350	345	0	35	15	355	0	10	330	345	100	15	15	160	310	325	65	250	340	310	310	340	5	330	16	
11	330	40	45	15	325	335	145	25	225	0	35	60	330	260	260	260	305	295	305	260	345	330	20	10	16	
12	330	310	280	285	295	300	310	255	235	90	50	105	225	240	230	230	225	300	335	290	245	140	280	305	11	
13	350	350	310	350	345	320	305	0	290	310	35	315	0	210	235	240	345	315	325	315	305	285	275	280	15	
14	355	5	345	345	70	340	330	350	345	65	355	195	255	300	320	355	215	285	290	45	260	285	315	305	1	
15	350	345	10	345	55	25	355	340	30	55	[illegible]	325	315	310	155	250	280	340	5	355	35	350	340	20	1	
16	0	25	15	350	50	70	15	135	350	45	15	335	5	265	250	255	275	250	310	345	305	320	285	300	2	
17	15	320	340	5	0	10	170	25	85	280	5	255	280	255	245	245	240	245	340	280	310	305	310	0	12	
18	20	30	355	25	10	25	20	30	0	65	10	110	340	225	260	275	265	355	20	30	35	40	55	45	2	
19	25	45	35	30	355	5	0	295	15	35	350	185	230	290	250	250	235	270	285	280	260	315	310	270	1	
20	320	355	330	5	350	300	340	335	340	30	315	40	20	350	260	270	245	305	330	340	345	355	85	165	16	
21	240	255	275	285	35	60	55	50	35	35	335	30	20	45	20	325	315	160	315	100	315	295	335	305	3	
22	10	15	20	30	20	5	25	25	75	95	70	90	255	200	225	230	260	290	305	310	335	255	320	295	2	
23	335	5	20	60	105	310	0	10	130	355	0	175	270	240	240	240	285	315	310	290	285	0	330	295	14	
24	50	25	20	30	340	320	5	0	60	5	45	345	20	35	335	265	305	260	250	185	275	335	260	295	2	
25	50	45	30	15	35	40	350	20	5	65	5	80	250	250	260	255	290	30	260	350	330	5	30	20	2	
26	55	90	80	25	60	45	65	35	40	60	85	120	205	215	220	205	195	195	225	220	210	305	265	310	10	
27	350	10	30	70	85	100	245	285	175	70	15	310	315	275	280	270	260	255	250	0	280	320	185	175	13	
28	180	335	75	30	200	245	205	95	300	190	185	245	260	235	230	230	215	315	10	305	320	290	15	285	11	
29	0	10	15	30	75	40	20	355	45	50	25	50	50	25	35	55	315	315	325	335	320	325	320	10	3	
30	20	20	90	15	70	90	45	100	30	35	10	285	275	335	255	15	5	275	25	125	5	60	0	235	2	
31	300	95	0	30	315	325	65	35	355	355	335	250	305	10	355	250	150	75	65	335	285	250	20	310	1	
PV	1	1	2	2	1	1	2	1	3	3	1	5	2	13	11	12	13	15	15	15	15	15	15	15		

Entered

CORRECTED DATA

QC Checked 1/3/75 By: JGB

STATION TEMPERATURE (oC)
10 m

DATA FOR MONTH OF Nov 1974 STATION NUMBER A 10
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY R. HILL [illegible] / C. Thorson

DAY		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
305	1																												
06	2																												
07	3																												
08	4																												
09	5																												
10	6																												
11	7																												
12	8																												
13	9										start →			2.0	2.6	1.8	1.9	-1.6	-2.1	-4.0	-6.6	-5.6	-5.1	-5.6	-7.1	—	—	—	
14	10	-9.2	-9.2	-9.5	-10.4	-10.2	-10.7	-11.1	-10.7	-6.9	-4.3	-1.3	.4	-.5	.9	1.5	1.3	.6	.3	.7	.7	.8	-2.4	-5.0	-5.5	-4.2	1.5	1400	
15	11	-11.2	-12.2	-13.1	[illegible]	[illegible]	-13.3	-13.0	-12.5	-9.0	-4.7	-2.0	.1	-1.0	-.4	.2	1.0	-.9	-4.4	-6.1	[illegible]	[illegible]	-10.1	[illegible]	-11.1	-7.4	1.0	1500	
16	12	-11.7	-11.9	[illegible]	-11.6	-11.6	-12.1	-11.2	-11.5	-9.9	-6.3	-3.1	.0	-1.6	.0	.0	-1.4	-2.9	[illegible]	[illegible]	-9.2	-3.7	-3.6	[illegible]	-9.4	-7.4	0.0	11/13/14	
17	13	-15.1	[illegible]	-14.5	[illegible]	-14.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3	4.5	1.7	2.0	1.3	.6	.6	4.2	[illegible]	1.5	1.5	1.1	5.4	[illegible]	-4.3	5.4	2200	
18	14	-12.4	-13.7	[illegible]	-13.4	[illegible]	-15.2	-15.5	-14.1	-9.9	-6.5	-1.6	2.9	2.4	2.4	3.8	1.8	-1.3	[illegible]	[illegible]	-5.1	-6.1	[illegible]	-5.4	-6.4	-6.2	3.8	1400	
19	15	[illegible]	[illegible]	-8.3	-7.9	-8.9	[illegible]	[illegible]	-7.2	[illegible]	[illegible]	[illegible]	.5	.5	3.3	[illegible]	5.1	2.7	-1.6	-3.5	-5.1	[illegible]	-7.5	[illegible]	[illegible]	-4.6	5.1	1500	
20	16	-12.6	-13.7	-12.9	[illegible]	-12.8	[illegible]	[illegible]	-14.1	-10.1	-5.5	[illegible]	1.6	-.1	1.2	2.4	2.3	-1.3	[illegible]	[illegible]	-9.3	-9.4	-10.9	-11.7	[illegible]	-7.7	2.4	1400	
21	17	-15.9	-15.2	-15.1	[illegible]	-17.4	[illegible]	-17.2	-15.9	-12.2	-10.4	-7.0	[illegible]	-2.1	-.5	-.5	-1.2	-2.9	-6.1	-7.0	-6.9	-7.1	[illegible]	[illegible]	[illegible]	-9.2	-0.5	13/14	
22	18	[illegible]	[illegible]	-12.5	-13.1	-12.5	[illegible]	[illegible]	-12.5	[illegible]	-9.2	-6.5	-4.2	-3.5	-1.9	-1.3	-1.8	-2.0	-2.3	-2.4	-2.6	-2.3	-1.6	[illegible]	[illegible]	-6.8	-1.3	1400	
23	19	-4.7	-6.5	-6.8	-6.9	-8.2	-7.9	-7.2	-7.3	-6.1	-2.6	.3	1.2	3.5	3.7	3.6	2.4	1.7	.3	.6	.6	.7	1.3	.2	[illegible]	-1.8	3.7	1300	
24	20	-16.1	-16.4	-17.1	-16.7	-17.1	[illegible]	-17.8	-16.9	-12.7	-8.9	-5.5	-3.0	-3.4	-2.2	-1.2	-.6	-4.7	-6.4	-8.5	-9.9	-11.1	-11.7	-13.0	-13.2	-10.5	-0.6	1500	
25	21	-15.0	-15.2	[illegible]	-16.2	-16.3	-15.7	-16.1	[illegible]	-10.2	-5.5	-2.2	.4	-3.5	-1.1	.2	-.8	-2.2	-5.7	-7.6	-8.2	-9.7	-11.2	-12.4	[illegible]	-9.1	0.4	[illegible]	
26	22	-13.9	[illegible]	-13.5	-12.6	-13.4	-14.6	-14.7	-13.8	-11.6	-7.2	-1.9	1.6	1.3	3.0	2.9	2.4	2.0	[illegible]	-2.7	-4.7	-6.0	-6.5	-6.5	-7.1	-6.4	3.0	1300	
27	23	-7.6	-7.5	-7.5	-7.1	[illegible]	-10.4	-10.4	[illegible]	-7.6	-6.0	-3.6	-2.0	-4.4	-2.7	-2.0	-1.4	-5.1	-6.9	-7.9	-8.0	-11.7	-11.2	-11.5	-11.7	-7.4	-1.4	1500	
28	24	-14.3	-14.1	-14.5	[illegible]	-14.1	-15.4	-16.4	-15.7	-11.0	-8.1	-6.2	-4.3	-2.2	-1.1	-.6	-.4	[illegible]	-6.1	-8.4	-10.5	-11.5	-11.5	-11.4	-11.6	-9.6	-0.6	1400	
29	25	-15.0	-16.6	-17.1	-17.0	-17.5	-17.4	[illegible]	[illegible]	-14.4	-11.2	-9.0	-7.0	-8.0	-5.1	-4.0	-5.7	-6.1	-7.9	-5.5	-5.7	-3.7	[illegible]	-6.2	[illegible]	-10.4	-3.7	15/20	
30	26	-13.7	-13.4	-14.3	-14.9	-15.2	-16.5	-16.7	-15.9	-12.6	[illegible]	[illegible]	-2.4	-2.0	-2.0	-1.8	-1.4	-5.1	-8.4	[illegible]	-10.4	-11.2	[illegible]	-13.5	-14.7	-10.1	-1.4	1500	
31	27	-19.1	-19.1	[illegible]	[illegible]	-19.1	[illegible]	-19.5	-16.5	-11.7	-12.4	-8.7	-5.5	-5.4	-9.4	-3.8	-4.6	-6.3	-7.6	-9.1	-8.4	-8.5	-9.7	-7.8	[illegible]	11.8	-3.8	1400	
32	28	[illegible]	-11.1	-11.0	-10.7	-10.4	[illegible]	-11.1	-11.7	-10.5	-9.5	-7.5	-4.9	-6.3	-6.2	-5.2	-5.1	-5.5	[illegible]	-7.0	[illegible]	-11.2	-11.6	-11.7	[illegible]	-9.2	-5.1	1500	
33	29	[illegible]	[illegible]	[illegible]	-20.1	-21.7	[illegible]	[illegible]	-21.1	[illegible]	-13.9	-10.4	-7.4	-7.3	-7.1	-7.1	[illegible]	[illegible]	[illegible]	-12.7	-14.3	-15.7	-16.4	-15.9	-16.0	-13.7	-6.1	[illegible]	
34	30	-20.1	[illegible]	-20.1	[illegible]	[illegible]	-22.9	[illegible]	[illegible]	-18.0	[illegible]	-11.6	-7.3	-7.2	-8.6	-9.1	-9.7	-12.1	-13.4	-14.6	-16.5	-16.2	-17.0	-17.0	-16.9	-16.0	-8.6	1700	
	31																												
AVERAGE		-13.1	-13.4	-13.7	-14.0	-14.4	-14.7	-14.9	-14.9	-11.2	-7.8	-4.6	-1.9	-2.3	-1.1	-6.5	-0.9	-3.1	-4.8	-6.1	-7.1	-7.7	-8.2	-8.6	-9.5	-8.4	—	—	

CORRECTED DATA

QC Checked 2/10/75 By: JRB

STATION TEMPERATURE (°C) 10 m

DATA FOR MONTH OF Dec 1974 STATION NUMBER A10
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY BILL AKIMORI

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MAX.	TIME	
335 1	-21.2	-21.2	-20.9	-21.8	-22.7	-22.8	-22.8	-21.7	-17.8	-13.8	-11.1	-7.5	-7.4	-7.6	-7.3	-7.2	-9.9	-12.4	-12.9	-14.1	-14.7	-16.4	-17.1	-16.5		-7.2	1500	
2	-17.1	-18.8	-18.6	-18.8	-19.0	-19.5	-20.1	-19.9	-16.9	-12.7	-9.7	-6.2	-8.2	-7.5	-7.5	-7.0	-8.9	-10.3	-10.9	-13.5	-16.7	-17.0	-17.4	-17.0		-6.3	1100	
3	-21.0	-21.0	-21.5	-22.4	-22.1	-22.4	-22.4	-22.4	-13.2	-13.8	-10.2	-6.9	-5.2	-4.2	-5.1	-4.0	-7.2	-9.2	-11.3	-11.7	-12.6	-14.5	-14.8	-15.4		-4.0	1500	
4	-13.9	-17.2	-19.4	-10.2	[illegible]	-17.8	-19.4	-17.6	-16.3	-12.0	-8.1	-6.1	-5.4	-5.5	-5.1	-6.4	-7.0	[illegible]	-7.7	-9.5	[illegible]	-10.1	-11.4	-11.7		-5.4	1200	
5	-15.1	-14.5	-14.5	-12.7	-14.5	-13.6	-12.1	-13.6	-12.7	-11.8	-9.3	-8.3	-6.8	-5.8	-4.6	-4.6	-5.3	-5.4	-6.2	-7.0	-6.5	-6.5	-8.1	-8.6		-4.6	14/15	
340 6	-13.0	-12.4	-12.7	-12.4	-12.6	-13.5	-14.7	-14.7	-13.0	-8.5	-7.1	-4.2	-3.3	-3.1	-2.9	-2.8	-6.7	-9.5	-10.9	-11.3	-11.2	-11.5	-11.5	[illegible]		-2.8	14/15	
7	-14.2	-13.9	-13.3	-13.2	-13.2	-13.1	-13.0	-12.9	-11.8	-10.1	-8.5	-7.7	-8.9	-8.5	← M	T →	-9.2	-9.1	-9.3	-9.7	-9.7	-10.4	-11.0	-12.1		—	—	
8	-16.0	-17.2	-17.0	-19.6	-19.3	-19.8	-20.9	-21.4	-20.5	-16.5	-12.1	-9.1	-9.5	-8.8	-8.5	-8.7	-10.2	-13.1	-15.1	-17.0	-18.2	-17.9	-18.4	-20.7		-8.5	1400	
9	-23.0	-22.5	-23.6	-24.3	-24.1	-23.8	-23.3	-24.2	-23.4	-19.9	-16.1	-12.6	-12.4	-10.4	-10.5	-10.8	-12.1	-13.8	-15.9	-17.5	-18.5	-20.3	-20.4	-21.0		-10.4	1300	
10	-24.8	-25.0	-25.9	-25.6	-26.3	-26.5	-26.0	-26.2	-25.0	-21.6	-17.7	-13.6	-12.4	-12.9	-18.6	-10.9	-11.8	-13.8	-15.9	-17.5	-18.6	-18.9	-20.0	-20.4		-10.8	1500	
345 11	-24.1	-23.8	-23.6	-23.8	-23.8	-22.7	-22.9	-22.9	-22.7	-20.2	-15.1	-11.8	-11.0	-10.8	-10.9	-10.0	-10.1	-10.6	-12.0	-11.8	-12.2	-14.1	-15.7	-17.5		-10.0	1500	
12	-20.2	-21.6	-22.0	-22.6	-22.7	-22.5	-22.7	-22.7	-21.8	-17.8	-13.0	-8.8	-7.5	-6.2	-5.3	-4.4	-6.2	-9.6	-11.3	-14.2	-15.7	-17.1	-121	-16.5		-4.4	1500	
13	-20.7	-20.8	-19.3	-18.8	-17.6	-15.1	-15.3	-15.5	-16.4	-13.1	-9.8	-7.9	-8.6	-8.9	-9.2	-10.5	-10.6	-10.2	-10.5	-10.4	-10.9	-11.0	-11.2	-13.6		-7.9	1100	
14	-19.2	-20.4	-20.7	-21.0	-21.9	-22.4	-22.0	-23.0	-23.0	-18.8	-13.9	-9.5	-10.6	-10.1	-8.7	-9.5	-11.7	-13.3	-16.3	-17.3	-16.3	-15.9	-17.0	-17.2		-8.7	1400	
15	-16.3	-16.2	-14.0	-12.5	-12.7	-14.6	-15.9	-17.2	-16.5	-13.1	-10.1	-7.2	-8.5	-9.1	-8.6	-8.0	-8.8	-11.6	-13.2	-13.0	-13.9	-15.4	-15.4	-15.3		-7.2	1100	
350 16	-17.9	-18.3	-16.8	-15.1	-14.6	-14.0	-14.3	-13.3	-12.8	-9.9	-6.2	-4.4	-7.4	-8.5	-5.4	-4.8	-6.4	-9.2	-11.1	-12.2	-12.5	-13.5	-16.5	-14.0		-4.4	1100	
17	-18.8	-19.2	-20.1	-19.9	-20.4	-19.3	-20.1	-20.1	-20.4	-17.3	-13.6	-11.8	-9.1	-8.9	-10.6	-10.7	-8.4	-8.8	-10.1	-9.9	-11.7	-13.6	-15.7	-16.7		-8.4	1600	
18	-18.8	-19.2	-19.6	-20.0	-200	-21.1	-21.3	-21.2	-20.6	-17.2	-12.7	-9.7	-9.4	-8.4	-9.5	-9.0	-10.1	-11.3	-11.0	-11.1	-12.0	-11.7	-13.1	-15.2		-8.4	1300	
19	-18.1	-18.0	-18.1	-18.4	-18.3	-17.6	-17.7	-17.7	-17.3	-14.0	-8.9	-6.1	-9.7	-8.0	-7.5	-7.5	-7.4	-8.5	-10.2	-10.1	-12.8	-13.1	-13.9	-15.6		-6.1	1100	
20	-17.9	-18.3	-18.5	-18.3	-18.5	-19.0	-18.1	-17.6	-17.1	-14.9	-11.5	-9.3	-10.2	-9.3	-8.8	-8.6	-8.4	-9.8	-11.0	-11.1	-11.0	-11.9	-11.9	-11.6		-8.4	1600	
355 21	-13.3	-13.4	-14.8	-15.7	-16.5	-15.8	-17.4	-17.2	-16.5	-14.7	-11.5	-9.9	-9.6	-8.4	-7.3	-7.2	-5.0	-2.4	-2.5	-3.1	-1.6	-1.1	-1.0	-6.0		-1.0	2200	
22	-10.4	-11.0	-11.9	-12.6	-13.7	-13.7	-13.2	-14.7	-15.6	-14.7	-11.4	-11.3	-12.7	-10.4	-10.4	-11.2	-12.7	-13.6	-14.4	-15.1	-16.2	-18.0	-19.2	-22.3		-10.4	MANY	
23	-23.1	-24.1	-24.0	-24.5	-26.2	-25.7	-26.0	-26.3	-25.5	-23.5	-21.2	-18.4	-18.5	-18.0	-17.4	-17.8	-17.9	-17.6	-19.7	-19.9	-19.6	-19.4	-20.8	-20.7		-17.4	1400	
358 24	-23.8	-24.9	-25.6	-27.4	-27.9	-28.1	-28.7	-28.6	-29.3	-25.3	-22.0	-18.8	-18.5	-17.2	-17.1	-16.5	-17.3	-20.1	-22.4	-23.0	-23.6	-23.8	-23.4	-25.9		-16.5	1500	
25	-29.1	-30.3	-30.9	-31.3	-30.8	-30.7	-30.6	-31.1	-30.0	-25.4	-21.4	-18.4	-17.4	-16.5	-17.9	-17.1	-16.5	-18.9	-21.7	-23.2	-23.3	-23.4	-25.9	-26.6		-16.5	13/16	
360 26	-29.0	-30.7	-29.6	-28.9	-29.5	-29.6	-27.5	-29.1	-28.7	-22.1	-17.2	-15.4	-16.5	-17.1	-16.3	-14.2	-16.6	-19.2	-20.4	-20.7	-22.0	-22.6	-24.3	-26.0		-14.2	1500	
27	-28.0	-28.4	-28.6	-29.7	-29.8	-29.3	-27.8	-28.6	-27.0	-24.4	-22.3	-19.2	-14.6	-15.3	-16.0	-16.1	-16.5	-17.8	-18.2	-18.0	-18.1	-18.0	-18.3	-18.1		-14.6	1200	
28	-24.4	-25.5	-24.4	-23.7	-23.8	-23.7	-23.1	-22.9	-22.5	-20.4	-17.8	-15.0	-15.1	-14.4	-12.4	-11.2	-12.3	-15.3	-18.1	-17.7	-16.9	-18.5	-20.5	-19.9		-12.3	1600	
29	-20.4	-19.9	-20.4	-19.3	-18.8	-18.4	-17.7	-16.5	-16.7	-16.1	-14.9	-12.0	-14.8	-12.6	-14.4	-14.7	-15.2	-16.3	-15.9	-15.9	-16.9	[illegible]	-19.4	-19.2		-12.0	1100	
30	-19.0	-19.0	-18.3	-17.5	-17.2	-17.3	-20.3	-21.4	-21.7	-19.3	-16.3	-11.8	-13.8	-13.1	-14.0	-14.1	-16.5	-19.9	-21.0	-22.7	-23.6	-25.2	-25.1	-27.0		-11.8	1100	
365 31	-26.7	-25.8	-25.2	-24.2	-23.6	-22.7	-22.6	-22.6	-23.0	-21.5	-16.0	-13.6	-15.2	-13.7	-13.7	-14.1	-16.5	-18.8	-21.5	-23.0	-23.6	-24.9	-25.4	-25.8		-13.6	1100	
AVERAGE																												

E, ted

CORRECTED DATA

QC Checked 3-24-75 / By: D.G.

STATION TEMPERATURE (°C) 10m

DATA FOR MONTH OF JAN 1975 STATION NUMBER A-10
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C. T.

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	MAX.	TIME	
1	-29.3	-29.6	-29.8	-30.5	-30.5	-30.7	-30.4	-30.4	-31.1	-24.7	-21.4	-11.6	-11.3	-14.6	-11.8	-12.1	-15.3	-15.6	-21.4	-21.8	-22.3	-23.9	-24.9	-25.1				
2	-30.2	-30.2	-29.9	-29.8	-29.9	-29.7	-29.7	-30.8	-29.6	-24.7	-21.5	-19.2	-15.5	-15.5	-15.5	-11.6	-14.7	-20.8	-22.4	-24.5	24.9	-26.2	-26.3	-26.7				
3	-30.0	30.9	-31.3	-31.6	-31.6	-31.4	-31.9	-33.4	-33.1	-28.3	-23.8	-21.6	-11.8	-15.8	-16.2	-16.1	-17.5	-21.3	23.7	-25.1	-26.0	-26.8	-28.0	-28.2				
4	-28.8	-28.2	-28.5	29.3	-28.5	29.0	-28.5	-29.1	-28.5	25.4	-23.7	-20.7	-19.2	-19.0	-17.1	-17.5	-18.0	-18.6	-19.4	-21.6	-22.5	23.4	-25.8	-26.4				
5	27.8	-28.3	-29.6	-29.9	-31.1	-31.5	-31.8	-32.0	30.7	-20.7	-21.0	-18.4	-12.5	-11.9	-13.5	-13.1	-14.4	-16.3	-19.2	-19.0	-18.5	-18.2	-17.5	-17.6				
6	-19.1	-18.4	-20.1	-21.4	-21.9	-22.8	24.1	-24.4	-24.9	-16.7	-14.6	-13.1	-12.6	-13.1	-12.6	-11.1	-8.7	-10.5	-13.0	-13.5	-14.1	-16.8	-19.6	-20.2				
7	-20.6	-21.0	-22.2	-22.5	-22.6	-21.6	-21.2	-26.0	-19.3	-16.9	-14.0	-11.2	-9.3	-9.0	-9.0	-10.1	-12.1	-15.7	-17.1	-18.6	-19.5	-20.8	-20.4	-20.2				
8	-19.0	-18.7	-19.1	-18.2	-14.0	-19.2	-18.9	-17.9	-11.5	-11.2	-13.5	-13.5	-13.4	-11.9	-11.4	-12.8	-12.7	-13.7	-14.0	-15.4	-14.6	-14.0	-15.5	-15.2				
9	-14.1	-13.3	-15.5	18.2	-19.8	-21.1	-23.6	-25.8	-23.1	-19.7	-15.7	-15.3	-9.6	-9.7	-16.9	-11.1	-14.1	-18.8	-18.0	-18.7	-18.3	-19.6	-21.0	24.9				
10	-27.9	-30.1	-31.3	-33.3	-33.2	-34.1	-34.2	-35.1	-33.5	-27.7	-23.0	-20.2	-18.6	-17.1	-16.8	-19.9	-20.1	-22.3	-24.6	-26.9	-30.2	-30.4	-31.2	-31.3				
11	-32.7	-34.1	-34.8	-35.8	-36.3	31.8	-31.5	-36.9	-36.8	-32.4	-27.3	-24.3	-12.4	-15.1	-18.4	-19.3	21.8	-26.8	-27.2	27.6	-29.8	-30.7	-28.7	28.6				
12	-26.1	-30.8	33.5	-34.4	-35.5	-32.0	37.6	38.0	-36.9	-31.6	-25.9	-26.3	-17.2	-19.1	-19.4	-19.8	-22.9	-26.7	-27.6	-27.0	-26.9	-28.2	-30.2	-32.4				
13	-24.4	-25.4	-25.7	-26.2	-31.4	-32.3	-33.1	-33.8	-33.5	-25.3	24.2	-21.8	-17.9	-17.3	-19.5	-20.0	-22.3	-23.4	-27.6	-29.5	-30.4	-32.2	-34.3	-35.4				
14	-25.5	-30.9	-32.1	-32.8	-33.7	-34.0	-34.9	-36.2	-34.6	-36.0	-26.8	-24.9	-17.5	-14.8	-14.5	-15.4	-17.8	-23.8	-27.1	-29.6	-31.0	-33.0	-33.8	-34.5				
15	-27.9	-29.8	-30.9	-31.8	-33.3	-34.0	-34.3	35.1	-33.5	-29.8	-25.9	-24.4	-14.2	-11.1	-10.3	-12.6	-17.1	-20.6	-24.3	27.0	-29.1	-29.9	-31.3	-33.5				
16	-25.3	-27.4	-28.9	-29.6	-29.4	-29.5	-29.3	-28.7	-28.0	-24.6	-21.8	-18.9	-12.1	-12.7	-13.5	-16.6	-17.9	-19.8	-21.7	-23.6	-25.2	-27.8	-29.0	-31.8				
17	-24.8	-26.0	-27.8	-28.3	-29.3	-30.2	-30.4	-31.6	-28.3	-24.5	-20.7	-18.8	-12.0	-12.3	-11.2	-13.9	-15.8	-18.5	-21.2	-23.4	-25.2	-27.6	-29.3	30.1				
18	-23.2	-24.9	-26.0	-26.8	-28.2	-29.7	-29.6	-30.0	-29.3	-23.9	-22.1	-18.0	-7.2	-5.0	-5.5	-10.8	-15.8	-18.3	-21.8	23.4	-24.8	-27.4	-28.9	-30.5				
19	-23.8	-26.3	-27.1	-26.9	-27.7	-28.6	-30.5	-31.5	-29.6	-24.7	-20.3	-17.8	-8.0	-6.6	-8.0	-10.6	-12.1	-11.5	-19.0	-21.2	-24.5	-25.9	-27.1	-28.6				
20	-20.1	-22.9	-24.8	-24.9	-26.1	-28.3	-29.6	-30.7	-30.2	-27.8	25.4	-20.0	-9.1	-6.2	-9.3	-16.8	-14.0	-18.2	-20.8	-22.4	-24.7	-26.0	-24.0	-14.2				
21	-6.4	-7.6	-9.9	-11.3	-15.7	18.8	-19.0	-18.9	-19.3	-20.3	20.3	-14.2	-10.6	-11.4	-12.1	-12.5	-14.6	-17.8	-22.1	-24.9	-26.9	-29.2	-31.6	-32.9				
22	-26.7	-26.1	-30.3	-31.6	-32.0	-32.6	-34.2	-34.2	-31.1	-26.1	-23.4	-20.1	-9.6	-10.9	-11.4	-12.4	-15.7	-20.9	-23.5	-24.9	-27.1	-28.9	-30.3	-31.3				
23	-23.9	-23.7	-26.7	-25.5	-25.0	-25.3	-24.3	-24.3	-24.0	-20.7	-16.3	-14.2	-8.8	-9.9	-9.7	-11.7	-15.8	-18.3	-21.1	-23.4	-25.3	-26.2	-21.9	-27.9				
24	-19.6	-20.3	-21.1	-22.8	-24.6	-25.5	-27.1	-28.4	-26.1	-26.9	-15.4	-14.3	1.5	2.6	1.1	-1.1	-2.0	-4.5	-6.0	-8.7	-12.4	-14.3	-17.0	-19.6				
25	-13.9	-14.5	-15.1	-16.2	-17.4	-19.4	-20.4	-21.0	-20.6	-16.6	-11.4	-5.1	4.8	2.0	2.9	1.3	-1.1	-5.9	-8.1	-11.7	-13.8	-17.4	-19.5	-21.1				
26	-11.9	-15.3	-16.4	-17.3	18.2	-20.3	-21.5	23.1	-20.7	-16.4	-11.3	-5.1	3.7	4.0	2.2	.7	.0	-1.5	-4.5	-8.8	-11.8	-14.3	-15.4	-18.5				
27	-13.1	-15.1	-15.7	-17.0	-17.0	-20.5	-20.1	-20.1	-19.4	-16.8	-15.1	-15.1	-8.3	-10.1	-9.7	-11.3	13.6	-15.3	-16.4	-18.3	-19.9	-19.8	-20.1	-20.9				
28	-13.4	-14.3	-15.3	-16.5	-16.9	-17.5	-18.2	-19.2	-20.0	-19.6	-18.0	-21.0	-12.9	-12.4	-12.7	-14.4	-16.1	-18.0	-22.9	-28.2	-31.2	-31.4	-36.8	-38.0				
29	-31.8	-32.9	-32.4	-32.7	-32.3	-33.1	-32.2	-31.6	-30.4	-24.1	-19.1	-15.3	-13.2	-12.6	-15.0	-14.0	-16.7	23.6	-25.2	-26.9	-25.9	-29.8	-30.4	-31.2				
30	-29.5	-30.2	-29.2	-27.7	-28.3	-27.0	-26.5	-25.6	-21.7	-17.5	-12.7	-11.7	-11.2	-9.1	-12.1	-12.3	-13.9	-16.7	-17.4	-17.3	-17.2	-17.6	-17.0	-17.2				
31	-17.2	17.3	-17.3	-18.1	-19.3	-19.0	-18.9	-19.4	-19.5	-16.1	-13.6	-13.2	-11.0	-16.1	-12.4	-13.2	-14.2	-16.8	-17.8	-15.0	-18.3	-18.1	-18.8	-18.8				
AVERAGE																												

STATION A-11

entered

UNCORRECTED DATA

QC Checked 1/28/75 By: JGB

STATION WIND SPEED (MPH)
10 m

DATA FOR MONTH OF Nov. 1974 STATION NUMBER A 11
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY M. Lansdown

	CLOCK HOUR (standard time)																											
DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
2x3 9												start →			5.0	4.5	5.5	5.5	7.5	5.0	3.0	4.5	5.5	3.0	—	—		
10	3.0	5.5	7.5	5.0	5.5	5.5	4.5	5.0	4.5	3.5	4.0	8.5	8.5	8.5	6.0	10.0	20.0	15.5	14.5	12.5	10.0	4.5	5.0	8.0	7.5	20.0	1600	
11	7.5	9.0	8.0	8.5	7.5	8.0	6.5	5.5	7.0	3.5	5.0	3.5	7.0	6.5	6.0	2.5	2.5	2.0	4.5	8.5	3.0	4.0	3.0	4.5	5.5	9.0	0100	
12	5.0	5.5	5.5	6.0	5.0	5.5	3.5	2.5	2.0	2.5	2.5	3.5	4.5	5.0	4.5	4.0	4.0	4.0	4.0	2.0	3.0	1.0	1.5	3.0	3.5	6.0	0300	
13	4.5	2.0	2.5	3.5	2.0	3.0	5.0	5.0	3.0	2.5	3.5	5.5	3.5	4.0	4.0	3.5	2.0	12.5	13.0	8.5	4.5	4.0	7.5	9.0	5.0	13.0	1800	
14	11.0	13.0	12.0	8.5	8.5	8.5	8.5	3.5	4.0	3.0	3.5	7.0	5.5	4.0	7.5	4.5	4.0	4.0	3.0	3.5	2.0	0.5	3.0	4.5	5.5	13.0	0100	
15	3.5	3.0	3.5	4.0	3.5	3.5	3.0	4.5	3.0	8.0	3.5	9.5	4.0	3.0	4.0	4.0	3.0	2.5	4.5	6.5	6.0	3.5	5.5	6.0	4.0	9.5	1100	
16	5.5	7.5	8.0	7.0	7.5	6.5	7.0	6.5	5.5	2.0	3.0	5.0	3.5	5.0	5.5	3.5	1.5	1.0	4.0	6.0	3.0	5.0	4.0	5.0	5.0	8.0	0200	
17	7.0	5.0	4.0	5.0	4.0	3.5	2.0	4.0	2.5	1.5	4.0	6.5	3.5	3.5	2.0	2.5	2.5	6.5	5.0	3.0	4.0	4.0	3.5	3.5	4.0	7.0	0000	
18	3.0	5.0	4.0	4.0	3.5	3.0	3.5	4.5	3.5	3.5	3.5	6.5	3.5	4.5	7.5	4.0	5.5	10.5	19.5	17.5	15.0	11.0	10.0	13.0	7.0	19.5	1800	
19	10.0	3.0	2.0	3.0	2.5	4.5	5.5	4.5	3.0	4.0	5.5	4.5	5.5	8.0	9.0	8.0	5.0	5.0	2.5	3.5	4.5	6.0	6.0	5.5	5.0	10.0	0000	
20	6.5	4.5	4.0	3.0	5.5	5.0	4.5	3.0	2.5	2.0	5.0	5.5	6.5	7.0	5.0	2.5	2.0	4.5	2.0	4.0	5.0	6.0	4.5	5.0	4.5	7.0	1300	
21	5.0	3.0	2.5	3.5	3.5	4.5	4.0	4.5	3.5	2.5	4.5	5.0	4.0	3.5	4.0	4.0	3.0	4.5	5.0	2.5	2.5	1.5	3.0	3.0	3.5	5.0	many	
22	3.0	2.5	3.5	4.0	3.5	4.5	2.5	2.5	3.5	3.0	5.0	6.5	8.5	4.0	3.0	7.5	3.0	13.5	15.5	8.0	2.5	4.0	3.0	3.5	5.0	13.5	17/18	
23	4.5	4.5	0	0	0	0	0	0	0	6.5	4.5	3.0	3.0	3.0	2.0	2.0	2.5	3.0	7.0	7.5	8.0	9.5	8.5	7.0	3.5	9.0	0300	
24	6.5	5.0	6.5	8.0	5.5	5.0	5.5	4.5	5.0	2.5	3.5	4.0	4.5	4.0	4.5	4.0	5.0	5.0	3.0	2.0	2.0	2.5	3.0	3.0	4.5	3.0	0300	
25	2.5	3.0	5.0	3.0	4.5	2.5	3.5	3.5	5.0	3.0	2.5	7.5	7.5	2.5	5.0	3.5	2.0	6.5	7.5	13.5	13.5	12.5	5.0	4.5	5.5	13.5	19/20	
26	5.0	3.5	8.0	7.0	4.0	3.5	5.0	5.5	5.0	4.0	5.5	7.0	7.0	7.0	7.0	4.5	2.0	2.5	10.5	10.0	5.0	3.0	3.5	6.0	5.5	10.5	1800	
27	4.0	3.0	3.0	3.0	5.0	6.0	5.0	4.0	5.5	3.0	3.0	5.0	4.5	4.5	5.0	3.5	2.5	2.5	2.5	5.0	3.5	4.0	2.5	6.5	4.0	6.5	2200	
28	8.5	5.5	2.0	3.5	4.5	1.5	3.0	3.5	4.0	5.5	5.0	3.5	6.5	8.0	8.0	9.0	7.0	6.5	4.0	3.0	3.5	4.5	5.5	6.5	5.0	9.0	1500	
29	5.0	6.5	3.5	3.0	3.5	6.5	8.0	8.0	7.0	7.0	5.5	4.0	4.0	4.0	3.5	3.5	3.0	1.0	3.0	1.0	2.5	3.5	6.0	6.0	4.5	8.0	06/07	
30	6.0	6.0	7.0	7.5	5.5	6.5	5.5	5.0	5.0	3.0	4.5	3.5	5.5	6.0	7.5	7.0	5.0	6.0	4.5	3.5	3.5	9.0	6.0	6.0	5.5	7.5	03/14	
31																												
Average	4.5	5.0	5.0	5.0	5.0	4.5	5.0	4.5	4.0	3.5	4.0	5.5	5.5	5.5	5.0	4.5	4.0	6.0	7.0	5.5	5.0	4.5	4.5	5.5	5.0	—	—	

WIND SPEED-10m
(mPH)

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
DECEMBER, 1974
SITE A 11
AEROVIRONMENT INC.
REPORT PREPARED BY C.T

QC Checked 4/4/75 By: JKB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	5.5	3.0	4.0	6.5	5.0	7.5	5.0	3.0	3.0	3.5	5.0	4.5	5.0	4.5	4.0	6.0	5.0	2.5	3.0	3.0	3.5	3.0	3.0	4.5	7.5
2	5.0	6.0	6.0	6.5	6.5	6.5	5.5	5.5	3.5	3.0	5.0	4.5	4.5	3.5	2.5	3.0	3.0	2.0	1.5	2.5	2.5	2.5	2.5	3.0	4.0	6.5
3	3.5	3.5	5.5	4.5	5.0	3.0	2.5	4.5	3.0	2.5	4.5	5.0	5.5	6.5	4.0	5.0	5.0	3.5	2.5	3.0	2.5	3.0	2.5	2.5	3.5	6.5
4	2.0	3.0	3.0	3.5	4.5	3.5	4.5	2.5	2.5	2.5	4.0	4.0	4.5	2.5	3.5	5.0	3.5	5.0	3.5	5.0	3.0	2.5	2.5	3.0	3.5	5.0
5	3.0	4.0	2.5	3.0	4.5	3.0	3.0	4.0	3.5	4.0	1.5	3.0	4.5	3.0	2.5	4.0	3.0	3.5	5.0	4.0	5.5	6.5	4.5	3.0	3.5	6.5
6	2.5	3.5	2.5	2.0	3.0	2.5	2.5	3.0	4.0	4.0	5.5	3.5	4.5	6.5	3.5	3.0	2.0	4.0	6.0	4.0	3.5	6.5	5.0	4.0	4.0	6.5
7	3.0	4.0	4.5	4.0	3.5	4.5	6.5	5.0	3.5	2.5	5.0	← (MT) →				6.0	6.0	7.0	6.0	6.0	4.5	3.0	2.5	3.0	4.5	7.0
8	4.0	6.5	6.0	5.5	2.5	3.0	4.5	3.5	4.5	2.0	2.5	3.5	3.5	4.5	4.0	4.5	3.0	2.5	3.5	9.0	9.5	9.0	8.0	7.5	5.0	9.5
9	6.0	6.5	7.0	7.0	7.5	6.5	4.5	5.0	6.0	3.5	2.5	4.0	3.0	4.5	4.5	4.0	3.5	4.0	2.5	2.5	3.0	3.5	4.5	6.0	4.5	7.5
10	7.5	6.5	7.0	6.5	4.5	6.0	5.5	6.5	5.5	6.0	3.5	4.5	5.5	5.5	6.5	2.5	2.5	2.0	5.0	3.5	2.5	4.5	8.0	13.5	5.5	13.5
11	12.0	10.0	8.5	7.0	6.5	3.5	5.5	4.0	2.5	6.0	4.0	4.5	5.0	6.5	7.5	2.5	2.5	3.0	2.5	2.0	3.5	2.5	6.0	6.0	5.0	12.0
12	5.0	4.0	5.0	8.5	3.0	6.5	8.5	9.5	8.5	6.0	4.5	4.0	4.0	6.5	4.0	5.0	3.0	4.5	7.0	3.0	3.0	2.5	2.5	5.0	5.0	9.5
13	4.5	3.0	4.0	4.0	4.5	10.0	8.5	4.5	6.5	7.0	12.5	11.5	12.5	14.0	18.5	16.0	15.5	12.5	15.0	13.0	11.0	9.5	8.0	5.0	9.5	18.5
14	6.0	10.0	11.5	4.0	3.0	5.0	5.0	9.0	9.0	8.0	4.5	4.0	7.0	4.5	3.0	3.5	4.5	6.0	8.0	9.5	7.0	7.5	8.5	4.5	6.5	11.5
15	5.5	6.5	4.0	4.0	2.5	3.0	5.0	5.0	4.5	2.5	4.0	6.0	6.5	6.0	5.0	5.5	5.0	3.5	3.0	4.0	7.0	6.0	4.5	3.5	4.5	7.0
16	3.0	6.5	5.5	7.5	8.5	12.0	11.5	10.0	10.0	9.5	8.0	5.5	5.0	4.5	2.5	3.0	2.5	2.5	5.0	2.5	6.5	5.5	7.0	8.0	6.5	12.0
17	10.0	7.5	5.0	3.5	5.0	3.5	3.0	3.5	6.0	3.0	3.5	8.5	3.5	6.5	11.0	5.5	14.5	21.0	16.5	12.5	8.0	4.0	4.5	6.0	7.5	21.0
18	7.0	8.0	7.0	5.0	9.5	11.0	12.0	10.0	11.5	6.5	2.5	3.0	4.0	4.5	3.5	1.1	2.0	4.0	2.0	3.0	6.5	6.0	3.5	4.5	6.0	12.0
19	2.5	2.5	3.0	2.0	2.0	4.0	5.0	4.0	3.5	6.0	7.5	8.0	16.0	18.5	18.0	19.0	15.0	12.0	13.0	12.0	7.5	3.0	4.5	6.5	8.0	19.0
20	7.5	4.0	7.5	10.0	6.0	4.0	4.0	5.0	6.5	5.5	3.0	3.0	3.0	3.0	2.5	2.0	3.5	2.0	2.5	2.5	5.0	7.0	5.5	3.5	4.5	10.0
21	3.5	4.0	4.0	4.5	6.0	5.0	6.0	5.5	7.5	6.0	3.5	3.0	7.5	6.5	5.0	12.5	7.5	6.0	6.5	8.5	14.0	16.5	12.0	22.5	7.5	22.5
22	22.5	25.5	24.0	23.0	17.0	16.5	14.0	11.5	5.0	4.5	13.5	14.5	14.0	15.0	16.0	16.5	12.5	10.5	10.0	7.5	6.5	3.5	2.5	4.5	13.0	25.5
23	3.5	2.5	2.5	2.5	2.0	3.5	2.0	3.0	2.5	3.5	4.5	4.5	3.5	4.5	5.0	6.5	8.0	8.5	10.5	7.0	5.0	6.5	7.5	9.0	5.0	10.5
24	6.0	3.5	5.5	4.0	4.5	7.5	9.0	5.5	7.0	7.5	4.5	3.5	3.5	4.0	3.5	3.5	3.0	4.0	4.0	7.5	4.0	2.5	5.0	4.0	5.0	9.0
25	5.0	5.0	3.5	4.5	3.5	3.5	4.0	3.5	3.0	3.5	3.5	6.0	4.0	5.0	5.5	3.5	3.5	2.5	2.0	3.5	4.5	5.0	8.0	3.0	4.0	8.0
26	5.5	6.5	2.5	3.0	3.0	4.5	2.5	5.0	4.0	5.0	5.0	4.5	5.0	4.0	4.5	3.5	6.5	8.5	9.5	10.0	12.5	5.5	4.0	3.5	5.5	12.5
27	3.5	3.0	6.0	4.5	3.5	4.5	3.5	4.5	5.0	2.0	4.0	6.0	5.0	7.0	6.5	2.5	3.0	3.0	4.5	2.5	3.0	2.5	3.0	3.0	4.0	7.0
28	4.0	3.5	4.5	4.5	5.5	3.5	2.5	2.5	2.5	2.5	4.0	4.5	3.5	2.0	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5	1.5	2.5	3.0	5.5
29	2.0	3.5	2.5	2.0	3.0	2.5	1.5	2.5	2.0	2.5	2.5	3.0	5.0	2.0	3.0	3.5	4.0	2.5	1.5	2.0	2.5	1.5	2.5	2.5	2.5	5.0
30	5.0	2.5	2.5	3.0	3.0	6.5	4.0	3.0	2.0	3.0	4.0	6.0	3.0	3.5	5.0	4.0	3.0	5.0	3.0	1.5	3.0	2.5	2.5	2.5	3.5	6.5
31	4.0	3.0	3.0	3.5	3.5	2.5	2.5	2.5	2.0	4.0	4.0	2.5	4.0	4.0	5.0	5.5	6.0	4.0	2.0	3.5	4.0	5.0	5.5	7.0	4.0	7.0
AV	5.5	5.5	5.5	5.5	5.0	5.5	5.5	5.0	5.0	4.5	4.5	5.0	5.5	6.0	5.5	5.5	5.5	5.5	5.5	5.0	5.5	5.0	5.0	5.5		

WIND SPEED – 10 m
mph

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 11

AEROVIRONMENT INC.

REPORT PREPARED BY C.T.

QC Checked 4/4/75 By: JAP

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.0	8.5	6.5	5.5	6.0	4.5	5.0	2.5	4.5	5.0	2.5	3.5	3.0	2.5	2.5	2.5	3.0	2.5	2.0	3.0	3.0	2.5	2.5	7.5	4.0	7.5
2	2.5	4.5	1.5	3.5	[illegible]	4.0	4.5	3.5	[illegible]	4.0	4.5	[illegible]	[illegible]	[illegible]	4.0	6.5	5.0	6.0	4.5	6.5	2.5	7.0	7.5	9.5	4.5	9.5
3	8.5	8.5	9.0	6.0	4.0	6.0	6.0	4.0	3.5	3.0	2.0	3.5	4.5	3.0	3.0	5.5	4.0	2.5	4.5	5.5	4.5	3.5	3.5	2.5	4.5	9.0
4	3.0	2.5	2.5	3.0	4.0	3.0	2.5	3.0	2.5	5.0	4.0	5.5	6.5	4.0	7.5	7.5	4.0	3.5	3.5	5.5	6.0	5.0	6.0	10.0	4.5	10.0
5	11.5	7.0	7.0	8.0	8.5	7.5	8.0	7.5	4.0	2.5	4.0	3.5	3.5	5.0	4.0	3.0	2.5	7.5	8.0	4.0	3.0	2.0	2.5	4.0	5.5	11.5
6	6.0	6.5	3.5	2.5	2.5	3.0	3.5	2.5	3.0	2.5	2.5	3.0	4.0	5.0	11.5	11.5	10.0	6.0	5.5	5.5	4.5	3.0	2.5	2.5	4.5	11.5
7	3.0	2.5	3.0	2.5	4.5	3.5	8.5	4.5	3.0	6.0	6.0	7.5	9.5	15.0	12.5	5.5	2.5	4.0	5.0	6.5	12.0	12.0	9.0	6.5	6.5	15.0
8	3.5	4.5	3.5	4.0	5.0	8.5	7.5	13.0	11.5	13.0	11.0	10.5	4.5	4.0	6.0	7.5	4.0	7.0	7.0	3.5	4.0	2.5	4.0	11.5	6.5	13.0
9	5.0	4.5	3.0	4.5	4.5	2.5	2.0	4.0	2.5	4.0	2.0	4.5	5.0	4.0	2.5	2.5	6.0	6.5	11.5	11.0	8.0	7.5	5.5	6.5	5.0	11.5
10	5.0	3.0	5.5	5.5	7.0	10.0	9.5	9.0	8.5	5.5	3.5	5.5	4.5	2.5	2.5	2.5	3.0	4.5	2.5	2.5	3.5	3.5	4.0	4.0	5.0	10.0
11	3.0	5.5	6.0	3.5	3.0	2.5	3.5	3.0	3.5	3.5	3.0	8.5	9.0	9.5	10.5	9.0	5.0	4.5	6.0	4.0	3.0	8.5	11.5	4.5	5.5	11.5
12	7.5	8.5	12.5	[illegible]	11.5	12.5	6.0	4.5	2.5	2.5	3.0	4.0	5.0	6.5	5.0	6.0	5.5	3.5	2.5	2.5	3.0	2.5	2.5	2.0	5.5	12.5
13	2.0	2.5	3.0	[illegible]	2.5	2.5	3.0	4.0	4.5	3.0	3.0	3.0	5.5	5.0	6.0	5.0	5.5	4.0	2.5	5.5	5.0	2.5	2.5	4.0	3.5	6.0
14	2.0	2.5	2.5	2.0	3.5	3.5	4.0	4.5	3.0	3.0	6.5	6.0	6.5	4.5	3.5	4.0	3.0	2.5	5.0	3.0	2.0	2.5	2.5	2.5	3.5	6.5
15	3.0	2.5	3.0	2.0	3.0	3.0	3.5	2.5	1.5	2.5	3.0	2.5	3.5	2.5	3.5	4.0	4.5	2.5	4.0	2.5	5.5	3.5	3.5	3.0	3.0	5.5
16	2.5	3.0	2.5	3.5	4.5	2.5	2.5	2.5	2.5	2.5	3.5	4.5	3.5	4.0	4.5	3.0	3.5	5.5	5.0	6.0	4.0	4.5	3.0	5.0	3.5	6.0
17	4.0	6.0	3.5	7.5	8.0	8.5	6.0	4.0	4.5	4.0	3.0	2.5	4.0	5.0	5.0	5.0	3.5	4.5	3.0	2.0	3.0	5.0	3.0	2.5	4.5	8.5
18	4.5	5.0	3.5	3.5	4.0	5.0	5.5	5.5	5.0	3.0	6.0	4.0	4.5	2.5	3.0	5.5	5.5	5.5	4.0	6.5	3.0	2.5	2.5	4.5	4.5	6.5
19	5.5	5.5	6.5	9.0	8.0	12.0	8.0	3.0	2.5	3.0	4.0	5.0	4.5	3.0	5.5	6.0	4.5	1.5	1.5	2.0	3.5	4.0	2.5	2.0	4.5	12.0
20	2.5	2.5	2.5	3.5	6.5	6.0	4.5	4.5	4.0	3.0	5.0	5.0	5.0	7.0	5.5	5.5	3.0	4.0	4.0	5.0	5.5	4.5	15.5	10.5	5.0	15.5
21	7.5	14.0	15.0	15.5	9.0	13.5	6.5	5.5	7.5	6.0	9.5	12.0	9.5	7.5	7.5	6.0	4.0	3.0	3.0	5.5	6.5	4.0	3.5	5.0	8.0	15.5
22	6.5	8.0	8.0	7.5	6.0	7.0	5.5	5.5	5.0	3.0	3.5	5.5	4.0	3.0	4.5	5.0	5.0	2.0	2.0	4.0	2.5	2.5	2.5	3.0	4.5	8.0
23	5.0	4.5	4.5	3.0	[illegible]	5.0	5.5	3.0	4.0	[illegible]	3.5	4.0	6.0	5.5	3.5	6.5	6.0	3.5	3.5	3.0	3.5	4.0	4.5	4.5	4.5	6.5
24	4.0	3.5	3.5	5.0	6.0	5.5	5.5	7.0	5.0	8.0	2.5	3.0	6.5	6.0	6.0	11.0	8.0	3.5	5.0	3.5	4.5	3.5	3.5	4.0	5.0	11.0
25	3.0	4.0	3.0	2.5	3.0	3.5	2.5	6.5	8.5	6.5	6.5	10.0	11.5	17.5	14.5	14.5	7.0	6.0	5.5	7.0	9.5	14.5	14.5	13.0	8.0	17.5
26	13.0	12.5	8.5	7.5	9.0	6.0	4.5	3.5	2.5	4.5	10.5	11.5	12.0	10.5	13.5	11.0	10.5	8.0	9.5	14.0	14.0	6.0	4.0	4.0	9.0	14.0
27	6.0	2.5	5.5	2.5	2.5	6.0	7.0	5.0	4.5	6.0	3.5	3.5	6.0	6.0	5.0	4.0	7.5	7.0	5.5	4.0	3.5	4.0	5.0	7.5	5.0	7.5
28	3.0	2.0	3.0	2.5	4.0	8.5	7.0	3.5	5.5	8.0	4.0	6.0	9.5	14.0	14.0	15.5	12.0	7.0	7.0	5.5	6.5	5.5	6.5	6.5	7.0	15.5
29	5.0	5.0	6.0	4.0	2.0	3.0	4.5	2.5	3.0	3.5	3.0	2.5	4.0	3.0	2.5	2.5	2.0	2.5	2.5	2.5	2.5	2.5	3.5	4.0	3.5	6.0
30	4.0	3.5	2.5	3.5	2.5	2.5	2.5	2.5	3.5	5.0	4.5	4.5	3.5	3.0	4.0	3.0	2.5	2.5	2.5	2.0	3.0	5.0	4.0	3.0	3.5	5.0
31	3.5	4.0	5.0	1.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	6.5	5.0	3.5	5.0	2.0	3.0	3.5	3.0	2.5	4.5	3.5	3.5	3.5	3.5	6.5
AV	5.0	5.0	5.0	5.0	5.0	5.5	5.0	4.5	4.5	4.5	4.5	5.5	6.0	6.0	6.0	6.0	5.0	4.5	4.5	5.0	5.0	4.5	5.0	5.5		

WIND DIRECTION -10 m
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH
~~DECEMBER~~ November, 1974
SITE A 11
AEROVIRONMENT INC.
REPORT PREPARED BY BA/C.T

QC Checked 4/7/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
9	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$ START	$$$ →	235	180	265	70	55	95	110	280	245	245	220	11	
10	100	80	50	70	85	85	90	85	125	235	215	225	220	235	215	235	250	250	240	240	240	160	105	110	11	
11	75	95	85	80	80	95	80	75	90	270	260	240	245	255	255	280	45	45	70	100	40	90	110	85	5	
12	60	55	60	75	85	65	60	95	50	240	245	240	250	235	230	225	205	220	240	75	70	65	80	70	4	
13	280	325	260	275	50	70	90	105	30	45	40	235	330	285	330	240	200	240	245	245	30	90	80	80	5	
14	95	100	90	75	75	80	90	0	80	315	270	265	255	260	255	250	235	230	125	300	255	90	75	85	5	
15	35	60	110	10	295	110	145	50	150	260	240	280	255	45	170	265	335	15	25	95	95	105	100	80	5	
16	75	75	85	70	90	90	95	90	80	355	280	280	255	260	260	260	15	80	90	100	85	80	85	85	5	
17	75	85	75	80	85	85	90	85	35	50	200	270	235	250	245	125	150	105	115	125	225	185	50	110	5	
18	90	150	180	195	135	95	320	265	250	285	195	260	250	220	260	230	230	255	245	235	225	240	235	250	11	
19	255	320	25	300	330	265	235	250	135	155	255	295	275	210	235	240	250	270	30	85	110	120	125	125	12	
20	95	100	95	30	100	100	120	140	10	60	295	290	275	270	265	260	170	115	80	150	190	225	180	120	5	
21	105	50	95	155	90	55	35	165	105	280	305	300	200	285	290	270	265	250	275	125	40	25	70	250	3	
22	325	70	125	260	225	140	335	295	330	350	345	310	280	0	70	280	25	295	275	280	245	325	290	245	13	
23	220	245	235	235	240	240	240	240	200	150	155	175	205	40	350	215	150	135	140	130	125	145	150	120	12	
24	125	120	125	115	130	135	140	145	140	5	305	325	305	275	300	285	280	275	210	100	90	130	130	130	7	
25	125	110	110	125	130	170	40	55	35	295	355	305	295	280	30	265	20	270	260	275	280	285	335	130	13	
26	70	210	255	255	155	135	135	150	150	305	270	270	275	285	310	310	10	105	165	160	135	160	90	145	8	
27	90	355	155	135	115	125	115	110	115	105	310	295	290	275	300	280	240	180	150	125	225	135	320	295	6	
28	265	265	345	215	265	330	125	160	100	300	275	300	55	60	350	40	80	15	15	30	80	75	135	145	13	
29	105	135	125	140	110	125	120	120	120	130	265	320	200	25	85	5	320	325	280	0	115	120	135	135	6	
30	120	125	125	120	125	125	120	120	115	65	305	325	295	290	290	290	285	295	295	135	125	130	135	135	6	
31	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	
PV	4	5	6	4	5	5	5	5	6	1	13	13	12	13	14	13	2	12	12	5	5	5	5	7		

WIND DIRECTION - 10 M
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 11

AEROVIRONMENT INC.

REPORT PREPARED BY BA.

QC Checked 4/4/75 By: BD

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	120	115	125	120	120	115	125	115	140	10	300	315	290	290	290	295	295	275	150	130	125	135	135	125	6	
2	105	110	110	115	115	120	120	120	120	115	310	300	275	285	280	280	250	355	350	205	130	120	5	135	6	
3	115	130	190	135	115	105	170	105	105	325	295	290	295	295	295	280	260	305	70	130	165	185	140	165	6	
4	330	30	95	130	95	45	90	335	135	60	300	285	305	320	15	290	295	305	330	155	55	35	330	315	14	
5	225	270	35	285	275	350	280	135	135	305	200	110	115	130	125	105	90	100	135	20	120	160	150	245	6	
6	205	205	205	210	215	215	225	220	220	325	310	305	320	130	135	335	35	60	105	150	95	145	135	135	7	
7	80	105	70	75	135	45	165	30	5	330	270		MT			20	40	40	35	320	345	10	130	115	3	
8	125	130	140	140	155	135	135	120	95	330	315	330	310	305	300	295	305	305	110	155	145	135	120	135	7	
9	120	120	115	130	130	115	120	125	125	70	325	315	290	280	285	290	295	285	260	65	120	125	125	125	6	
10	110	110	115	115	115	125	115	120	125	90	310	305	290	290	295	230	295	20	280	300	160	130	150	155	6	
11	150	115	120	130	130	140	125	120	35	130	65	300	295	285	290	285	295	290	160	35	300	330	150	145	14	
12	175	215	130	135	195	135	130	130	125	120	115	95	300	310	325	100	65	135	155	140	175	190	140	145	7	
13	130	135	120	140	155	280	155	120	240	190	265	300	275	275	280	290	280	290	310	295	285	305	305	280	13	
14	255	265	270	205	80	125	120	145	150	150	150	240	290	295	220	115	110	140	155	165	170	155	155	185	8	
15	160	205	215	0	150	135	110	135	115	165	160	170	140	125	140	255	335	330	90	125	140	145	165	150	7	
16	155	150	135	145	150	160	155	150	150	150	155	50	310	310	90	345	320	135	165	85	135	120	140	145	8	
17	150	145	135	155	125	170	135	120	90	320	295	300	290	285	275	180	235	290	290	295	285	275	195	135	14	
18	120	120	120	140	140	140	140	130	140	85	320	310	305	295	300	325	115	155	205	205	205	200	180	180	7	
19	220	220	95	270	235	260	340	230	155	280	310	300	280	250	285	285	280	270	285	275	270	195	215	150	13	
20	140	120	135	150	140	115	115	165	145	130	95	295	0	355	335	85	80	335	125	70	130	160	135	210	7	
21	110	155	100	140	140	145	155	150	155	100	310	305	295	290	280	175	200	220	260	220	190	205	240	300	8	
22	290	290	290	280	305	295	305	290	335	350	285	290	265	275	275	280	290	285	285	285	270	340	125	115	14	
23	110	125	115	110	80	320	[illegible]	245	295	285	305	305	300	10	75	90	90	100	100	105	110	120	120	130	6	
24	130	130	115	200	130	135	140	120	125	125	120	215	320	80	20	10	90	30	120	155	215	65	135	120	6	
25	120	115	110	115	115	115	115	120	115	120	315	305	295	295	290	285	290	250	110	110	110	120	125	125	6	
26	125	120	145	95	85	55	115	60	100	130	45	300	290	290	300	305	265	150	140	145	155	120	125	120	6	
27	145	145	115	80	150	140	60	120	40	10	290	300	295	295	295	320	285	275	300	220	45	130	100	125	14	
28	120	120	120	115	110	135	310	230	50	265	305	315	330	15	235	315	65	330	90	60	240	305	25	300	6	
29	45	325	160	145	130	5	340	80	130	115	35	315	320	0	145	315	0	100	110	115	315	165	250	355	15	
30	130	205	200	255	130	155	115	40	95	285	320	330	295	300	295	300	275	145	140	85	135	210	100	165	7	
31	135	135	145	130	70	25	105	5	0	310	305	325	300	295	310	305	305	310	50	150	130	140	150	155	15	
PV	6	6	6	7	7	6	6	6	6	6	15	14	14	14	14	14	14	14	6	8	7	7	7	6		

WIND DIRECTION —10 m
Deg.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

JANUARY, 1975

SITE A 11

AEROVIRONMENT INC.

REPORT PREPARED BY C.T.

QC Checked 4/1/75 By: [illegible]

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	130	130	120	125	140	130	135	105	130	140	65	325	310	335	60	240	320	330	340	250	5	270	105	155	7	
2	130	90	155	125	70	55	150	115	150	245	[illegible]	290	240	195	95	105	135	140	150	115	140	105	120	125	7	
3	110	90	100	145	125	105	110	25	100	340	240	290	305	280	280	275	255	120	110	115	125	120	125	190	6	
4	40	100	15	30	330	115	45	80	5	290	280	195	30	20	115	205	295	55	350	265	120	120	120	135	6	
5	140	110	115	115	110	115	105	115	95	20	290	295	305	280	260	100	60	135	155	190	330	200	225	135	6	
6	160	175	155	220	205	285	345	20	30	45	310	300	275	105	145	155	150	145	235	275	245	320	0	45	8	
7	40	350	290	145	255	125	140	300	275	170	185	295	270	290	285	260	135	195	115	110	130	125	120	130	6	
8	155	325	265	275	220	170	25	160	170	165	175	280	25	335	260	295	20	265	280	40	120	175	255	250	13	
9	220	110	345	125	170	215	320	125	115	105	15	250	255	265	150	200	275	280	285	265	280	255	170	120	6	
10	150	275	225	135	100	125	115	105	115	55	315	285	300	290	200	320	320	285	340	140	110	105	105	105	6	
11	5	105	110	55	305	165	165	30	30	75	40	255	265	275	285	290	280	295	320	290	330	310	330	120	14	
12	115	105	115	115	110	115	95	105	305	105	300	335	280	270	275	265	250	180	75	325	275	130	210	300	6	
13	35	80	100	310	35	105	315	120	325	15	290	10	295	280	285	280	195	330	15	90	300	110	25	150	14	
14	245	50	160	175	100	25	100	20	350	270	290	290	290	285	275	285	265	205	80	190	290	170	190	100	14	
15	100	90	70	120	40	175	20	240	85	70	10	290	160	20	285	275	265	25	70	150	315	230	70	315	4	
16	175	225	25	100	340	105	320	30	45	340	290	270	355	300	290	310	275	275	150	245	90	40	145	170	13	
17	15	165	95	105	105	110	345	105	140	275	300	25	300	280	285	275	305	255	140	5	115	185	145	175	6	
18	105	100	90	350	105	100	115	105	330	10	125	295	340	280	215	270	290	110	60	110	70	10	10	115	6	
19	110	95	125	120	120	135	125	180	60	335	285	280	270	280	285	275	270	275	140	100	115	135	355	25	6	
20	10	150	135	125	100	115	110	40	240	340	115	110	290	270	260	285	10	120	185	140	200	230	260	255	6	
21	245	275	285	290	340	80	40	75	70	340	320	320	35	70	60	355	315	250	45	130	130	150	125	130	4	
22	110	115	110	105	110	110	105	100	105	350	300	300	290	285	290	290	285	200	10	130	20	60	110	175	6	
23	120	170	110	80	15	160	345	200	255	295	260	290	285	285	275	275	270	155	125	110	180	215	90	165	6	
24	55	290	75	115	65	170	110	150	235	270	115	170	265	280	285	285	285	300	270	165	165	240	200	200	14	
25	320	115	85	60	140	245	305	245	250	215	210	250	260	215	250	290	215	280	325	175	180	170	170	180	9	
26	160	160	145	170	165	185	200	250	270	265	265	180	185	195	225	235	230	215	240	265	260	260	250	270	13	
27	295	255	245	170	85	125	130	130	135	130	105	335	295	290	295	300	290	285	275	280	285	300	355	285	14	
28	5	255	65	95	290	280	280	90	165	255	255	310	275	260	245	255	250	245	155	100	120	105	105	0	12	
29	95	90	100	100	90	100	115	25	105	90	345	330	295	15	350	310	210	125	280	285	95	20	115	115	5	
30	100	0	45	100	330	10	130	130	280	290	300	295	305	305	300	300	10	340	310	220	340	115	170	290	14	
31	270	105	115	330	95	125	130	175	100	20	290	295	270	275	290	210	215	110	330	30	235	325	215	90	14	
PV	6	5	5	6	6	6	6	6	6	16	14	14	14	13	14	13	13	7	8	6	6	6	6	6		

QC Checked 1/3/75 By:

CORRECTED DATA

STATION TEMPERATURE (°C) 10 m

DATA FOR MONTH OF Nov 1974 STATION NUMBER A 11
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY Bill [illegible]

DAY	CLOCK HOUR (standard time) 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avc	DAILY PEAK MAX.	TIME	CALIBRATION
305 1																												
306 2																												
307 3																												
308 4																												
09 5																												
10 6																												
11 7																												
12 8																												
13 9											start		→	10.8	[illegible]	7.7	7.6	5.7	4.3	2.7	1.5	1.5	1.8	1.5	—	—	—	
14 10	-3.2	-3.3	-3.2	-3.7	-2.7	-4.1	-4.7	-5.7	-6.5	.2	.6	3.1	3.8	4.1	5.5	6.0	5.5	4.0	3.8	[illegible]	[illegible]	1.2	-1.1	-2.0	2.1	6.0	1500	
15 11	-3.7	-4.4	-5.1	-6.3	-7.1	-7.1	-7.8	-7.9	-5.0	-3.5	-2.1	1.6	1.6	1.3	2.0	2.7	2.4	.9	-1.5	-.9	-2.2	-4.8	-5.2	-6.4	-2.9	2.7	1500	
16 12	-7.7	-8.4	-9.2	-9.0	-9.0	-9.5	-9.2	-9.5	-8.9	-5.1	-3.0	-1.9	1.1	1.8	2.7	2.9	1.2	.1	-.9	-3.1	-3.7	-3.7	-4.4	-4.3	-4.2	2.9	1500	
17 13	-2.4	-2.0	-2.0	-2.4	-2.0	-2.4	-.6	-.7	1.5	4.3	5.7	7.8	11.6	12.4	13.0	12.0	10.4	9.4	8.6	7.5	5.2	2.6	.9	-.9	4.1	13.0	1400	
18 14	-2.6	[illegible]	-2.6	[illegible]	-4.2	-4.1	-5.1	-5.2	-4.2	-1.6	.0	2.4	4.5	6.7	7.5	7.5	4.8	3.6	3.0	3.2	2.6	2.6	2.0	.6	0.7	7.8	1500	
19 15	.7	.9	1.0	.1	.9	.0	.2	.4	.8	1.5	4.6	5.1	4.4	8.6	9.8	10.4	10.0	7.8	4.0	3.7	3.5	.1	.1	-.5	3.3	10.4	1500	
20 16	-3.0	-3.2	-3.1	-3.1	-2.5	-4.4	-5.1	-5.5	-2.7	.4	3.3	4.9	5.3	8.0	8.3	9.7	8.2	4.8	4.0	2.2	1.8	.1	-.4	-.5	1.3	9.7	1500	
21 17	-2.6	-2.6	-4.2	-4.9	-4.7	-5.1	-5.2	-5.5	-3.2	-.9	1.9	2.5	2.1	4.9	6.4	7.1	5.1	4.1	4.4	3.7	4.4	3.4	3.0	3.1	0.7	7.1	1500	
22 18	[illegible]	[illegible]	2.4	1.6	1.6	1.1	-.6	1.1	2.4	1.4	4.0	4.0	3.5	5.2	4.7	4.6	5.1	4.5	4.1	3.7	3.9	4.2	4.5	4.0	3.2	5.3	1200	
23 19	1.6	.7	.0	-1.1	-.8	-.9	-1.8	-1.7	-1.1	.7	2.7	4.3	5.0	5.2	5.2	5.6	6.0	5.0	2.6	.2	-.9	-2.3	-3.1	-3.7	1.2	6.0	1600	
24 20	-1.7	[illegible]	-8.0	-8.1	-7.7	-7.1	-7.3	-8.3	-6.5	-3.2	-1.7	[illegible]	-1.9	.2	2.5	3.3	2.3	1.2	.2	-.4	1.0	1.2	.2	-3.0	2.9	3.3	1500	
25 21	-6.5	-6.6	[illegible]	[illegible]	[illegible]	.15	-7.9	[illegible]	-6.8	-5.2	-2.1	.9	3.8	4.6	5.2	6.0	5.5	4.2	4.0	3.1	[illegible]	1.1	.2	0	-1.4	6.0	1500	
26 22	.4	-1.4	-1.5	-1.1	-2.1	[illegible]	-2.0	-2.0	-1.5	-.2	3.0	5.2	6.3	7.8	8.5	10.2	9.1	6.4	4.7	3.7	1.4	1.5	.8	.4	2.2	10.2	1500	
27 23	[illegible]	-1.0	-1.1	-1.5	-2.0	-2.1	[illegible]	[illegible]	-2.6	[illegible]	.1	2.8	2.2	2.4	3.4	2.1	3.1	.2	-1.2	-2.5	-2.7	-2.9	-3.2	-2.5	-0.7	3.4	1500	
28 24	[illegible]	[illegible]	-6.1	[illegible]	[illegible]	[illegible]	[illegible]	-7.4	-6.2	[illegible]	[illegible]	-1.1	1.5	3.5	4.9	5.1	4.6	4.0	3.5	.6	-1.3	[illegible]	[illegible]	[illegible]	-2.0	5.1	1500	
29 25	-8.4	-8.1	-8.2	[illegible]	-7.8	-7.9	-8.1	-8.4	-7.9	-6.1	-3.0	-2.5	-3.3	-1.4	1.7	2.0	2.1	1.4	2.2	2.3	2.3	2.4	.3	-3.5	-3.2	2.4	2100	
30 26	-5.7	-3.5	-2.4	-2.2	[illegible]	-5.8	-5.6	-5.5	-3.2	-1.3	-1.6	-.8	1.6	2.7	2.5	3.0	3.0	.7	-1.1	+1.3	-1.9	-3.0	-4.6	-6.3	-1.9	3.0	15/1[illegible]	
[illegible] 27	-7.5	-8.1	-8.1	[illegible]	-8.4	-9.4	-9.6	-11.2	-9.8	-6.9	-4.0	-2.9	-1.8	.6	-.1	1.5	.4	.0	-1.2	-1.5	-.5	-1.5	-1.4	-.4	-4.2	1.5	1500	
[illegible] 28	[illegible]	-3.2	-3.6	-3.4	-4.1	-3.8	-3.6	-3.4	-3.8	-3.5	-2.5	-.7	-1.2	.2	-.4	-.5	-2.1	-2.7	-4.4	-5.4	-5.7	-7.9	-8.0	-8.1	-3.5	0.2	1200	
[illegible] 29	-8.1	-8.1	-7.8	-7.2	-7.7	-7.5	-7.2	-6.9	-5.6	-6.2	-6.6	-6.1	-5.4	-4.1	-3.2	-2.6	-2.7	-4.4	-5.9	-7.7	-9.2	-9.5	-11.7	-11.5	-6.8	-2.6	1500	
[illegible] 30	-16.4	[illegible]	[illegible]	[illegible]	[illegible]	-17.5	[illegible]	-16.5	-12.5	-9.8	-8.4	-6.4	-5.6	-3.2	-2.1	-2.3	-2.4	-4.5	-6.0	-6.8	-7.0	-8.1	-9.9	-10.7	-9.1	-2.1	1400	
31																												
AVERAGE	-4.1	-4.3	-4.6	-4.8	-4.9	-5.4	-5.6	-5.8	-4.3	-2.3	-0.4	1.0	2.0	3.7	4.4	4.8	4.2	2.6	1.4	0.5	⊖	-1.0	-1.9	-2.8	1.3	—	—	

CORRECTED DATA

QC Checked 2/12/75 By: JAB

STATION TEMPERATURE (oC) 10 m

DATA FOR MONTH OF DEC. 1974 STATION NUMBER A 11
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MAX.	TIME	
1	[illegible]	[illegible]	[illegible]	[illegible]	-14.[illegible]	-14.9	[illegible]	[illegible]	-14.2	[illegible]	-8.2	-6.4	-6.9	-5.1	-4.[illegible]	-3.5	-2.[illegible]	-4.[illegible]	-6.[illegible]	-7.3	-8.[illegible]	-8.[illegible]	-10.[illegible]	-9.[illegible]		-3.5	1500	
2	-11.7	-12.[illegible]	-12.[illegible]	-12.[illegible]	-12.[illegible]	-12.[illegible]	-12.1	-12.5	11.9	-7.2	6.2	-4.4	-3.[illegible]	-2.4	-1.[illegible]	-.5	-2.1	-2.1	-2.7	-4.[illegible]	-5.7	-5.[illegible]	-6.6	-8.2		-.5	1500	
3	-11.2	-12.4	-12.[illegible]	[illegible]	[illegible]	-12.[illegible]	12.6	-13.[illegible]	-12.1	-9.6	-8.0	-5.5	-4.2	-3.5	-3.1	-2.4	-2.7	-2.5	-4.4	-5.5	-6.3	-7.5	-7.[illegible]	-7.3		-2.	1500	
4	-6.5	-6.9	-7.7	-8.0	-8.8	[illegible]	-9.7	-9.0	-7.9	-4.4	-3.1	-1.7	-1.4	1.3	3.3	1.1	.6	-.0	-.3	-.8	-1.2	-1.6	-1.1	-1.0		3.3	1400	
5	-2.4	-2.7	-2.6	[illegible]	-3.[illegible]	-4.1	-4.0	-5.9	-4.0	-2.4	-3.2	-.9	-.7	-.6	.9	1.8	1.3	1.0	.2	.0	-.5	-.7	-.7	-.4		1.8	1500	
6	[illegible]	[illegible]	-3.1	-3.1	[illegible]	[illegible]	-5.7	-6.[illegible]	-5.[illegible]	[illegible]	1.6	-.5	-.7	1.6	1.8	[illegible]	.9	-.5	-1.2	-2.1	-2.[illegible]	-3.[illegible]	-3.9	-3.[illegible]		2.2	1500	
7	[illegible]	[illegible]	-7.[illegible]	[illegible]	-6.[illegible]	-5.[illegible]	-5.[illegible]	[illegible]	-5.0	-6.[illegible]	4.2	←	4	T	→	-5.1	-4.9	-4.5	-4.8	-4.9	-5.9	-5.4	-7.1	-7.4		—	—	
8	-8.5	-8.3	-9.2	-9.5	-9.2	-10.1	-11.5	-12.8	-12.5	-10.4	-7.5	-7.1	-6.2	-4.8	-5.1	-4.6	-5.5	-6.7	-7.8	-8.1	-8.8	-9.5	-10.6	-12.9		-4.6	1500	
9	-12.7	-13.2	-13.1	-12.9	-12.8	-13.9	-14.0	-13.7	-14.5	-12.1	-9.8	-7.8	-7.2	-6.2	-5.6	-5.3	-5.5	-5.6	-5.5	-7.3	-9.0	-11.2	-12.2	-12.5		-5.3	1500	
10	-13.7	-13.3	-14.3	-16.0	-16.5	-16.5	-15.9	-16.6	-15.0	-11.7	-9.6	-8.7	-9.3	-8.9	-8.3	-6.6	-4.0	-7.4	-7.5	-6.9	-8.3	-10.5	-10.6	-10.6		-4.0	1600	
11	-9.4	-9.3	-9.9	-11.9	-14.1	-13.9	-14.4	-14.0	-14.2	-14.4	-13.6	-12.8	-5.5	-4.8	-3.9	-3.1	-3.3	-2.9	-4.2	-5.1	-5.0	-5.5	-5.3	-4.8		-2.9	1700	
12	-8.1	-7.1	-7.9	-8.3	-8.8	-8.9	-9.1	-8.2	-7.9	-6.2	-2.5	0	10	.3	.5	2.1	1.9	-1.2	-2.0	-3.9	-5.3	-5.8	-4.9	-6.3		2.1	1500	
13	-7.4	-6.2	-7.0	-5.4	-4.4	-5.7	-6.3	-6.3	-6.7	-5.3	-2.1	-1.7	-3.8	-3.1	-3.9	-4.2	-4.9	-5.8	-5.2	-5.7	-5.1	-6.7	-6.3	-6.0		-1.7	1100	
14	-8.5	-8.7	-8.5	-8.7	-11.2	-12.0	-13.0	-12.9	-12.4	-11.9	-7.3	-4.8	-6.1	-5.7	-4.7	-2.6	-3.6	-4.7	-5.7	-5.6	-5.0	-6.0	-4.5	-4.5		-2.6	1500	
15	-5.3	-5.2	-7.1	-7.4	-7.8	-8.3	-8.0	-8.1	-7.9	-6.7	-4.1	-2.2	-2.1	-2.4	-1.2	-.5	-1.9	-2.4	-2.1	-5.0	-5.5	-4.9	-4.0	-4.1		-.5	1500	
16	-6.0	-5.2	-5.1	-4.0	-4.1	-3.5	-3.4	-4.3	-4.4	-3.4	-1.3	1.8	.5	1.2	3.3	2.8	1.8	-.2	-.4	-1.4	-2.0	-2.3	-3.7	-3.4		3.3	1400	
17	-5.7	-6.8	-7.7	-8.0	-8.9	-8.6	-9.5	-9.6	-9.6	-8.6	-7.1	-6.0	-3.5	-3.2	-4.6	-3.9	-2.0	-1.5	-1.5	-2.8	-3.5	-4.6	-6.2	-6.6		-1.5	17/18	
18	-7.9	-9.4	-9.4	-9.3	-8.8	-9.5	-11.0	-10.6	-9.3	-7.1	-7.1	-5.7	-3.3	-3.1	-3.1	-3.1	-3.8	-4.5	-2.6	-3.7	-3.4	-1.5	-1.8	-.7		-.7	2300	
19	-4.6	-5.9	-7.0	-7.3	-6.4	-6.9	-7.4	-8.2	-8.7	-4.8	-2.2	-1.7	-2.2	-1.6	-.9	-1.3	-1.9	-3.0	-3.4	-3.1	-3.7	-6.4	-7.9	-6.0		-.9	1400	
20	-9.1	-8.9	-8.3	-8.8	-8.6	-7.9	-7.1	-5.0	-5.5	-5.5	-2.7	-1.8	-.6	-.9	0	.2	-1.0	-1.4	-2.2	-2.6	-2.2	-.1	-1.6	-2.3		.2	1500	
21	-2.2	-2.2	-3.3	-3.1	-3.2	-2.7	-2.2	-2.1	-1.9	-.5	.9	.9	-1.2	.2	-.1	3.5	3.5	2.7	2.8	4.3	4.5	4.0	3.1	1.8		4.5	2000	
22	-4.0	-4.6	-5.1	-5.9	-6.2	-6.5	-7.1	-7.2	-8.1	-6.7	-6.5	-6.0	-6.4	5.5	-5.7	-6.4	-7.4	-7.5	-8.0	-7.9	-7.8	-11.0	-12.6	-15.1		-4.0	0000	
23	-15.9	-16.9	-16.7	-17.2	-18.0	-18.0	-17.5	-17.6	-17.7	-16.7	-15.7	-14.9	-13.3	-11.9	-11.3	-11.0	-11.2	-11.9	-11.8	-12.3	-12.6	-12.8	-13.8	-13.7		-11.0	1500	
24	-16.2	-16.9	-17.8	-18.2	-19.6	-18.8	-19.0	-19.2	-18.8	-18.1	-15.5	-13.3	-13.1	-11.4	-10.1	-10.8	-11.1	-12.2	-12.4	-13.0	-14.3	-16.2	-17.8	-18.3		-10.1	1400	
25	-19.5	-20.2	-21.2	-20.5	-21.3	-21.5	-20.8	-21.8	-21.4	-19.1	-16.3	-15.1	-12.9	-11.9	-10.7	-9.2	-9.3	-10.7	-13.2	-13.5	-13.2	-15.9	-16.3	-16.8		-9.2	1500	
26	-21.5	-21.5	-20.9	-19.1	-19.2	-18.5	-17.7	-17.5	-18.2	-15.4	-12.5	-12.6	-12.0	-9.7	-8.1	-8.0	-8.1	-8.7	-9.7	-10.4	-10.1	-11.8	-13.2	-13.9		-8.0	1500	
27	-15.9	-16.3	-17.2	-16.9	-18.5	-18.3	-17.6	-18.2	-16.5	-15.4	-13.8	-12.4	-9.3	-9.5	-8.6	-8.8	-8.4	-8.0	-8.6	-10.3	-10.1	-10.2	-10.3	-10.1		-9.0	1700	
28	-14.3	-14.2	-15.0	-12.8	-13.6	-14.3	-13.6	-12.8	-12.2	-11.5	-11.9	-9.8	-9.5	-6.3	-4.2	-3.8	-4.5	-5.3	-7.2	-7.2	-6.5	-7.4	-8.3	-8.6		-3.8	1500	
29	-11.3	-12.3	-12.8	-12.3	-12.1	-12.4	-13.3	-12.1	-10.1	-8.1	-8.2	-8.3	-8.0	-5.4	-4.0	-5.7	-6.4	-6.2	-6.4	-6.4	-6.2	-6.5	-7.7	-8.2		-4.0	1400	
30	-10.7	-10.3	-9.6	-9.5	-8.2	-8.5	-8.9	-9.7	-11.0	-10.2	-8.3	-8.3	-9.5	-8.7	-8.2	-8.0	-8.8	-8.8	-11.7	-12.8	-12.5	-12.4	-13.5	-13.5		-8.0	1500	
31	-13.4	-14.2	-14.6	-13.2	-13.1	-13.1	-12.4	-12.5	-13.2	-12.1	-10.4	-8.1	-9.0	-9.5	-8.3	-7.7	-8.9	-10.2	-11.0	-11.4	-13.4	-14.2	-14.1	-15.1		-7.7	1500	
AVERAGE																												

Entered

CORRECTED DATA

QC Checked 3-24-75 By: D.G.

STATION TEMPERATURE (°C) 10 m

DATA FOR MONTH OF JAN 1975 STATION NUMBER A 11
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C. T

	DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avc	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
366	1	-17.9	-18.0	-18.9	-19.5	-19.4	-19.1	-19.9	-19.4	-18.7	-17.1	-13.5	-13.5	-12.6	-9.1	-8.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-12.1	-12.9	-15.2	-15.7				
67	2	[illegible]	-19.2	-19.3	-19.6	-19.8	-19.8	-20.2	-20.5	-18.3	-17.5	-15.9	-13.0	[illegible]	MT	-7.0	-7.4	[illegible]	[illegible]	[illegible]	[illegible]	-12.5	-15.9	-16.5	-15.7				
68	3	-16.5	18.5	-17.7	-18.8	-19.2	-19.4	-18.9	-19.5	-19.6	-18.1	-14.6	-13.6	-11.1	-10.7	-9.9	-9.7	-10.6	-11.9	-13.4	-14.3	-14.2	-16.9	-16.6	-17.6				
69	4	-18.0	-17.4	-17.7	-18.6	-18.1	-18.2	-18.3	-18.7	-17.9	-16.4	-16.3	-13.7	-14.0	-14.6	-11.9	-11.5	-11.7	-12.7	-12.0	-14.2	-15.0	-15.2	-15.7	-14.3				
	5	-13.1	-14.2	-16.1	-17.1	-16.8	-16.3	-15.8	-16.5	-14.9	-12.6	-11.7	-10.6	-9.4	-7.6	-8.6	-7.5	-8.3	-8.9	-8.4	-7.7	-7.5	-7.7	-7.5	-7.7				
71	6	-6.9	-6.0	-7.3	-7.7	-7.8	-7.6	-9.5	-11.5	-10.7	-8.0	-5.8	-5.1	-4.9	-4.2	-1.8	-1.8	-2.3	-3.7	-3.4	-5.4	-5.7	-6.4	-7.2	-6.9				
	7	-10.6	-9.3	-10.3	-9.8	-11.4	-10.3	-10.0	-10.9	-10.6	-8.0	-5.4	-4.4	-3.8	-2.7	-3.7	-4.6	-5.0	-5.5	-7.5	8.8	-8.4	-8.2	-8.4	-7.5				
	8	-7.2	-7.5	-8.2	-7.1	-7.1	-5.2	-6.1	-3.0	-3.8	-3.0	-2.2	-8.2	-8.1	-7.1	-4.5	-7.7	-7.1	-7.8	-9.0	-9.2	-9.7	-9.1	-9.5	-9.0				
	9	-8.1	-8.0	-9.0	-8.9	-9.6	-10.7	-13.0	-13.7	-13.2	-10.8	-8.1	-8.1	-7.5	-6.6	-5.8	-6.7	-8.6	-10.1	-10.4	-12.8	-13.5	-13.5	-14.3	-17.7				
75	10	-19.4	-19.0	-18.3	-19.2	-19.7	-20.3	-20.3	-21.6	-20.1	-17.3	-16.9	-18.1	-16.8	-14.7	-11.8	-12.6	-14.1	-15.0	-17.7	-19.2	-19.5	-20.1	-19.4	-20.1				
76	11	-19.6	-20.4	-20.3	-19.4	-20.5	-20.3	-19.5	-19.5	-17.9	-17.3	-12.6	-12.3	-11.9	-12.0	-11.4	-12.2	-12.4	-12.8	-14.7	-15.3	-17.4	-17.0	-16.4	-17.8				
77	12	-15.4	-22.5	-23.4	-22.7	-23.8	-22.8	-23.7	-25.7	-24.3	-19.6	-18.2	-17.5	-17.4	-16.5	15.6	-15.0	-16.3	-17.1	-16.6	-16.7	-17.6	-17.6	-18.1	-19.0				
	13	-19.4	-19.9	-20.3	-19.5	-20.9	-20.7	-20.3	-21.2	-21.4	-18.0	-16.4	-12.5	-12.8	-12.7	-12.8	-13.3	-13.3	-13.1	-14.9	-15.8	-15.6	-17.5	17.9	-18.3				
	14	-19.5	-19.7	-20.0	-20.6	-20.2	-20.1	-20.8	-21.2	-19.4	-17.5	-16.5	-15.1	-13.2	-11.8	-10.7	-10.4	-11.0	-12.0	-13.1	-13.0	-14.6	-14.5	-15.0	-15.6				
	15	-15.9	16.3	17.0	-13.3	17.6	-18.0	-18.1	-18.2	-15.6	-13.0	-11.9	-11.0	-10.5	-7.9	-8.4	-8.2	-8.6	-8.6	-9.0	-11.6	-11.6	-12.0	-13.3	-13.7				
	16	-13.3	-13.6	-14.6	-15.2	-13.9	-13.2	-12.5	12.7	-11.9	-9.2	-8.2	-6.4	-5.7	-5.7	-5.1	-5.7	-6.9	-7.0	-7.4	-8.6	-9.4	-9.1	-9.7	-10.3				
	17	-12.3	-11.7	-12.1	-12.8	-12.1	-8.4	-10.1	-11.9	-12.3	-9.9	-8.0	-4.2	-5.9	-6.8	-5.7	-5.5	-8.1	-8.1	-9.4	-9.9	-10.1	-10.6	-11.4	-11.1				
	18	-10.7	-12.2	13.2	-12.6	-12.5	13.2	-13.9	-13.3	-11.0	-11.6	-7.7	-5.4	-1.5	-.3	2.2	.1	-3.5	-4.6	-4.2	-4.1	-3.7	-4.3	-5.3	-6.0				
	19	-7.2	-7.7	-7.7	-8.2	-7.9	-7.2	-7.4	-8.1	-7.9	-6.5	-5.6	-3.7	-2.4	-.2	-1.0	-1.9	-1.3	-2.7	-4.2	-5.7	-6.1	-6.1	-7.3	-7.7				
	20	-10.2	-11.7	-11.5	-11.6	-12.0	-12.3	-13.0	-14.5	-13.0	-11.0	-8.8	-5.1	-4.4	-1.9	-.4	-1.8	-2.1	-3.2	-3.3	-3.0	-.6	-.6	1.7	.2				
	21	.7	.9	.4	-.5	-2.9	-7.5	-7.5	-7.9	-8.0	-6.6	-6.1	-5.7	-5.5	-4.6	-4.9	-5.5	-6.3	-7.2	-8.8	-10.9	-11.1	-11.4	-12.5	-13.2				
	22	-15.6	-15.8	-16.0	-16.6	-18.5	-18.0	-18.2	-15.8	-16.5	-12.7	-12.2	-11.0	-9.4	-8.0	-8.6	-8.0	-7.4	-9.7	-13.5	-12.2	-12.1	-12.1	-12.6	-12.8				
	23	-21.3	-4.6	-15.0	-14.3	-2.4	-21.8	-8.7	-23.6	-8.4	-8.5	-15.4	-.5	-7.4	-6.1	-4.0	-4.4	-5.2	-7.7	-8.4	-8.3	-7.9	-8.0	-8.2	-10.3				
	24	-16.3	-9.3	-8.5	-10.2	-10.0	-9.3	-8.4	-1.6	-1.7	.1	.9	4.0	3.2	3.1	3.9	3.8	3.5	2.4	3.1	2.7	3.0	1.8	0	.8				
	25	-.6	-2.6	-2.5	-2.3	-1.5	-1.1	-.4	.7	2.9	4.2	7.4	8.6	8.3	9.0	9.7	8.8	7.9	7.9	6.4	4.6	4.6	5.0	5.6	5.0				
	26	4.4	4.9	4.5	4.4	5.2	3.9	3.5	2.5	3.8	4.7	8.2	9.9	9.4	10.0	10.3	9.4	9.2	8.3	5.8	3.7	.9	-1.3	-2.6	-3.2				
	27	-3.7	-3.5	-6.4	-7.1	-8.2	-9.0	-8.6	-7.9	-7.1	-4.2	-2.4	-1.7	-2.9	-3.3	-2.3	-2.2	-2.7	-3.5	-4.4	-4.3	-4.2	-4.5	-3.2	-5.2				
	28	-8.1	-7.7	-7.7	-7.7	-7.9	-7.3	-6.8	-7.3	-7.1	-6.6	-3.5	-6.3	-7.3	-6.6	-6.0	-5.7	-6.6	-8.0	-10.6	-13.5	14.2	-16.5	-18.1	-17.8				
	29	-22.3	-21.8	-22.5	-22.5	22.0	-21.5	-21.1	-26.1	-19.7	-17.3	-13.4	-11.9	-13.5	-10.0	-9.3	-10.8	-12.5	-13.8	-15.0	-16.1	-16.9	-17.4	-18.3	-18.2				
	30	-19.3	-19.1	-18.9	-18.5	-18.3	-17.3	-16.8	-16.2	-15.9	-12.8	-13.8	-12.5	-9.3	-7.0	-8.7	-9.3	-8.8	-11.7	-11.4	-12.0	-11.1	-10.9	-11.4	-10.8				
	31	-11.0	-11.4	-11.0	-11.1	-11.0	-11.4	-11.1	-11.6	-10.4	-7.5	-8.9	-16.5	-9.4	-7.3	-8.6	-9.0	-8.6	-9.9	-16.6	[illegible]	-9.6	-10.9	-11.5	-11.3				
	AVERAGE																												

STATION A-12

WIND SPEED -10m
m/s

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 12

AEROVIRONMENT INC.

REPORT PREPARED BY JB/CL

QC Checked 4/4/75 By: JKB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
2	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
3	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
4	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
5	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
6	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
7	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
8	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	5.5	4.0	4.0	5.0	3.5	5.0	5.5	4.0	4.5	5.5
9	3.5	4.0	3.0	2.5	2.5	2.5	4.0	5.0	5.0	3.5	2.5	3.0	6.5	2.5	3.0	2.5	4.0	3.0	5.0	6.0	3.0	4.0	5.0	5.0	4.0	6.5
10	4.5	4.5	4.0	4.0	4.5	5.0	2.5	4.0	5.0	3.0	3.0	6.0	6.0	5.5	4.5	8.0	10.5	8.5	6.5	4.5	2.5	4.5	4.5	5.5	5.0	10.5
11	4.0	4.5	5.0	5.0	6.0	3.5	1.5	5.0	5.0	6.0	4.0	3.0	4.0	5.0	3.0	3.5	2.5	2.5	5.0	3.5	4.0	4.5	6.0	3.5	4.0	6.0
12	4.0	4.5	4.5	5.0	5.0	2.5	4.5	5.5	4.5	4.0	5.0	5.5	3.5	5.5	4.0	2.5	1.0	2.0	2.5	1.5	2.5	2.5	2.5	2.5	3.5	5.5
13	3.5	3.0	2.5	2.5	2.5	2.5	4.0	4.0	2.5	3.0	4.0	4.0	3.5	3.5	3.0	2.5	2.0	7.5	6.5	3.0	2.5	4.0	6.0	4.5	3.5	7.5
14	5.0	5.5	8.0	2.5	2.5	4.5	4.0	4.5	4.0	3.5	5.5	6.5	6.5	5.5	6.0	4.5	1.5	1.5	1.5	1.5	2.5	2.5	4.0	4.0	4.0	8.0
15	2.0	4.5	2.5	3.0	3.5	5.5	5.5	5.0	7.0	6.0	3.5	8.0	4.0	2.5	3.0	2.5	3.0	5.0	6.0	5.5	2.5	5.5	6.5	6.5	4.5	8.0
16	6.5	7.0	5.5	5.0	5.0	3.5	4.0	4.0	5.0	3.5	5.0	5.0	4.0	3.5	4.5	3.5	1.5	2.5	5.0	3.5	2.0	5.5	8.0	7.0	4.5	8.0
17	4.5	2.5	3.5	5.5	4.5	6.0	4.0	8.0	7.0	4.0	5.5	5.5	3.5	4.0	3.5	1.5	2.5	2.0	2.5	1.5	2.5	1.5	2.5	2.0	4.0	8.0
18	2.5	2.5	2.0	3.0	2.5	2.5	2.5	4.0	4.5	4.5	10.5	9.0	4.5	7.0	6.0	2.5	1.5	5.0	9.0	6.0	5.5	5.0	4.5	4.5	4.5	10.5
19	3.0	3.5	2.0	1.0	2.5	2.0	3.5	2.5	3.5	5.0	4.0	3.5	5.0	6.0	7.0	4.0	2.5	2.0	3.5	4.5	5.5	5.5	5.0	4.0	4.0	7.0
20	5.0	4.5	3.0	2.5	5.0	5.0	5.5	2.5	2.5	2.5	6.0	5.5	6.0	6.0	4.5	3.0	2.0	3.5	2.0	3.5	4.0	5.0	4.0	5.5	4.0	6.0
21	2.5	2.0	2.5	5.0	3.5	4.5	5.0	3.5	7.0	4.5	5.0	8.0	5.5	5.0	4.5	3.0	2.0	1.5	2.0	1.0	1.5	1.0	1.0	1.5	3.5	8.0
22	3.0	2.0	3.0	3.5	2.0	2.0	1.5	1.5	2.0	2.5	6.0	7.5	7.0	5.5	8.0	6.5	4.0	8.5	4.0	2.5	1.5	3.0	2.5	2.5	4.0	8.5
23	3.5	2.5	2.0	3.0	1.5	.0	.0	.0	.0	5.0	3.0	3.5	3.0	3.0	2.5	2.5	2.5	2.0	5.0	5.0	5.5	5.5	6.5	4.0	3.0	6.5
24	5.0	6.5	6.0	7.5	5.0	2.5	2.5	4.0	4.5	2.5	3.0	5.5	5.5	4.5	4.0	4.0	2.5	2.0	2.5	3.0	5.0	5.5	5.5	5.0	4.5	7.5
25	5.0	5.5	6.0	6.0	3.0	2.5	1.5	2.0	3.5	2.5	4.0	8.5	5.5	3.5	7.0	3.5	2.5	1.5	1.5	5.0	3.5	4.5	3.5	4.0	4.0	8.5
26	7.5	6.5	10.5	8.5	10.5	6.5	7.0	5.5	8.0	4.5	4.5	5.5	4.5	4.5	4.5	4.5	2.5	3.0	5.5	5.5	6.0	3.5	2.5	5.0	6.0	10.5
27	6.0	5.5	6.5	7.0	6.5	4.0	4.5	5.0	6.0	2.5	5.5	5.5	5.0	5.5	4.5	2.5	1.5	2.5	2.0	4.5	2.0	1.0	1.5	1.5	4.0	7.0
28	2.0	2.0	1.5	2.5	2.0	2.0	2.0	3.0	3.0	5.5	5.0	9.5	10.0	11.0	9.5	9.5	9.5	10.5	5.5	2.0	4.0	3.0	2.5	4.5	5.0	11.0
29	6.0	5.0	6.0	5.0	5.0	5.0	6.0	7.0	7.5	6.5	3.0	5.5	3.5	5.5	6.5	5.0	2.5	1.0	4.0	3.5	6.0	5.5	6.0	5.0	5.0	7.5
30	4.0	4.5	4.5	2.0	3.5	4.5	4.5	5.5	6.5	4.0	6.5	6.0	6.0	5.5	5.0	4.0	2.0	2.0	1.5	3.0	5.5	5.0	4.0	3.5	4.5	6.5
31	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	$$$$	.0	$$$$
AV	4.0	4.5	4.5	4.0	4.0	3.5	3.5	4.0	4.5	4.0	4.5	6.0	5.0	5.0	5.0	4.0	3.0	3.5	4.0	3.5	3.5	4.0	4.5	4.0		

WIND SPEED -10m
MPH

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 12

AEROVIRONMENT INC.

REPORT PREPARED BY C.T

QC Checked 4/4/75 By: GB

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	4.5	4.5	4.5	6.0	6.5	4.5	3.0	4.0	4.0	3.5	6.5	5.0	6.0	3.0	3.5	1.5	2.0	2.5	2.5	5.5	3.5	4.5	5.5	4.0	6.5
2	6.0	7.0	5.0	4.0	2.5	4.0	2.5	3.5	4.0	2.0	5.5	5.5	5.0	3.5	3.0	3.0	1.0	1.0	1.5	2.0	3.5	4.0	3.5	5.5	3.5	7.0
3	6.0	5.5	4.0	5.5	6.0	2.5	2.5	4.5	6.5	3.0	6.0	5.0	5.5	5.0	3.5	3.5	1.5	1.5	2.5	3.5	3.0	3.0	2.5	2.5	4.0	6.5
4	1.5	2.5	3.5	6.5	7.5	5.0	1.5	2.5	4.0	2.5	6.0	5.5	3.5	3.5	5.0	3.5	2.0	2.0	2.5	2.5	1.5	3.0	2.5	2.0	3.5	7.5
5	1.5	1.5	1.0	1.5	1.5	2.5	2.5	2.5	2.5	4.0	2.5	1.5	1.5	1.5	1.5	2.0	2.0	1.0	2.5	3.5	3.5	4.5	2.0	1.0	2.0	4.5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.5	4.0	3.5	4.0	3.5	4.0	2.5	3.5	5.0	3.0	4.5	5.0	3.5	4.0	2.5	5.0
7	3.5	3.5	3.5	5.0	5.0	5.0	5.0	2.5	3.5	5.0	3.0	5.5	MT	MT	3.5	3.5	6.5	9.5	7.0	2.0	5.0	5.0	3.5	3.5	4.5	9.5
8	2.0	2.5	2.5	1.5	2.5	2.5	5.0	6.5	8.5	5.0	2.5	4.0	4.5	6.0	4.0	2.5	2.5	1.5	3.5	6.0	5.5	7.0	5.5	6.0	4.0	8.5
9	6.5	6.0	4.0	3.0	5.5	5.0	4.5	4.5	5.0	5.5	3.0	5.0	4.0	4.5	4.5	3.5	2.5	2.0	2.5	4.0	5.5	4.5	5.0	6.0	4.5	6.5
10	6.5	6.5	5.0	6.0	3.5	3.0	5.5	5.0	4.5	4.5	4.5	5.5	5.0	5.5	5.5	2.5	2.5	1.5	2.0	2.0	2.5	4.5	6.5	6.5	4.5	6.5
11	9.0	6.5	3.0	2.5	5.0	2.5	4.5	6.0	5.0	4.0	2.5	7.0	4.5	5.0	6.0	2.0	2.0	2.5	2.5	2.0	1.5	1.0	3.5	4.0	4.0	9.0
12	4.5	3.5	5.0	5.0	5.0	7.5	6.0	6.0	5.5	8.5	5.5	2.5	2.5	4.0	4.5	2.5	2.0	4.0	2.0	.0	1.0	1.0	1.5	3.5	4.0	8.5
13	4.0	2.0	2.0	2.0	2.0	5.0	5.0	2.0	7.0	9.0	7.5	7.0	6.0	5.5	10.0	8.5	7.5	6.5	8.0	8.0	7.5	8.0	5.5	2.5	6.0	10.0
14	3.0	3.5	5.0	5.0	6.5	6.0	6.5	6.0	6.0	7.0	6.0	2.5	5.5	5.5	5.0	1.5	3.5	3.5	4.0	7.0	5.5	5.5	5.5	5.0	5.0	9.0
15	5.0	5.5	4.0	2.5	3.0	3.0	4.0	3.0	5.5	8.0	7.0	5.0	4.5	4.0	5.0	5.0	3.5	4.0	2.5	2.5	4.0	5.0	3.5	2.5	4.0	8.0
16	4.5	2.5	3.0	4.0	4.5	5.5	3.5	2.5	2.5	6.5	6.5	3.5	5.5	5.0	3.5	5.0	2.5	2.5	4.0	5.0	4.5	6.0	4.5	5.0	4.5	6.5
17	5.0	5.0	5.0	3.0	5.5	4.0	3.5	6.0	6.0	4.5	4.5	7.0	2.5	4.5	7.5	6.0	6.5	12.5	9.5	9.0	5.0	2.5	3.5	3.5	5.5	12.5
18	5.5	5.5	2.5	6.5	6.0	8.0	8.0	6.0	6.5	6.5	4.5	5.0	5.5	5.0	3.0	2.0	.0	1.5	2.0	3.0	5.5	4.0	3.5	3.0	4.5	8.0
19	4.0	2.0	2.5	3.0	2.5	7.5	3.5	4.0	6.5	5.5	4.5	5.5	9.5	11.5	10.5	11.0	7.0	8.0	8.0	12.5	5.5	2.0	3.5	3.0	6.0	12.5
20	5.0	4.5	5.0	8.0	7.5	6.5	6.5	7.5	4.0	7.5	5.5	6.0	6.5	5.0	4.0	1.5	1.0	2.5	2.0	3.5	3.0	4.5	1.0	2.5	4.5	8.0
21	2.5	3.5	2.5	5.0	5.0	6.5	6.5	6.0	8.0	6.0	5.5	3.0	10.0	8.5	8.5	12.0	12.5	16.0	13.5	14.5	14.5	16.0	10.0	11.5	8.5	16.0
22	14.0	17.0	12.[illegible]	7.5	9.5	7.0	4.5	4.0	2.5	4.0	6.5	9.5	8.5	9.0	8.5	8.0	7.0	7.0	5.0	3.0	5.0	3.0	4.5	4.0	7.0	17.0
23	4.5	4.0	3.5	2.0	3.0	2.5	2.0	2.0	1.5	2.0	2.0	4.0	5.0	6.0	5.0	5.5	4.5	4.0	4.5	5.0	2.5	1.5	2.0	3.5	3.5	6.0
24	2.5	4.5	4.5	3.0	3.0	3.0	4.0	6.5	5.5	4.5	2.5	3.0	3.5	2.5	2.5	5.0	2.0	1.5	4.5	4.5	2.5	2.0	6.0	4.0	3.5	6.5
25	3.5	4.0	2.5	6.0	4.5	6.[illegible]	4.0	2.0	3.0	3.5	3.0	5.5	5.0	5.0	4.5	4.0	3.0	1.5	1.0	3.5	5.5	5.5	4.5	5.5	4.0	6.5
26	3.5	5.0	2.5	2.5	5.0	4.5	1.5	2.5	3.5	2.5	3.0	4.5	5.0	3.5	3.0	3.5	5.5	4.5	5.5	2.5	6.0	5.5	2.0	3.0	4.0	6.0
27	5.0	5.0	5.5	4.0	4.0	5.0	3.0	2.5	4.0	2.5	3.5	6.5	8.5	8.5	6.0	3.5	2.5	2.5	1.5	1.5	2.0	2.0	2.5	4.0	4.0	8.5
28	3.5	3.5	6.0	6.5	5.0	1.5	1.5	4.5	2.0	2.5	3.0	2.5	5.0	2.5	1.0	3.0	3.0	2.0	2.5	3.5	1.5	2.0	2.5	2.5	3.0	6.5
29	2.0	1.5	1.5	1.5	2.5	2.5	2.0	1.0	2.5	2.5	1.0	2.5	4.0	2.5	1.5	2.5	4.0	1.5	1.5	2.0	1.0	1.5	.0	1.0	2.0	4.0
30	3.0	3.5	3.5	3.0	3.0	3.5	2.5	2.5	4.5	4.0	3.0	4.5	3.0	5.0	4.0	3.0	2.5	2.0	3.0	2.5	5.5	6.0	4.5	6.0	3.5	6.0
31	5.5	2.5	2.0	1.5	2.0	2.0	1.5	1.5	1.0	1.5	3.0	1.5	2.5	3.5	3.5	3.5	3.0	2.0	1.5	2.5	6.0	8.0	7.0	6.5	3.0	8.0
AV	4.5	4.5	3.5	4.0	4.5	4.5	4.0	4.0	4.5	4.5	4.0	4.5	5.0	5.0	4.5	4.0	3.5	4.0	4.0	4.0	4.0	4.5	4.0	4.0		

Entered

UNCORRECTED DATA

QC Checked 3-29-75 By: D.C.

STATION WIND SPEED (MPH)
10 m

DATA FOR MONTH OF JAN 1975 STATION NUMBER A12
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C.T.

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Avg	PEAK	TIME	
1	6.0	8.5	4.5	6.0	5.0	3.0	6.0	3.0	6.0	[illegible]	3.5	5.5	4.5	3.0	1.5	3.5	3.0	1.0	.5	1.0	1.0	1.0	3.0	6.5		8.5	0100	
2	3.0	3.5	7.0	6.5	8.0	6.5	5.5	6.0	6.0	3.0	3.5	3.5	1.5	1.0	MT	2.5	3.0	2.5	3.0	6.0	3.5	3.0	7.0	7.0		8.0	0400	
3	7.5	6.0	6.0	4.5	2.0	2.0	6.5	7.5	4.0	5.5	2.5	4.5	3.5	5.0	3.5	3.5	1.5	1.5	2.0	4.5	8.5	5.5	3.0	2.0		8.5	2000	
4	4.0	5.0	6.0	3.5	5.5	3.0	2.5	2.5	1.5	2.5	4.5	3.0	4.5	6.0	2.5	5.0	5.5	2.0	5.0	4.5	2.5	6.5	5.5	6.5		6.5	21/23	
5	4.5	5.0	7.5	7.0	5.5	4.0	7.0	4.5	6.5	9.0	6.5	5.5	5.0	5.0	5.5	2.0	1.0	5.5	3.0	1.5	2.5	3.0	1.5	1.5		9.0	0900	
6	3.0	1.5	2.0	2.5	1.5	1.5	1.0	1.0	2.0	2.5	2.0	2.0	3.5	2.0	12.5	11.5	10.5	6.5	8.0	3.0	3.0	1.5	1.5	1.0		12.5	1400	
7	2.0	3.0	1.5	2.0	1.5	2.5	6.0	6.5	.5	3.5	6.0	5.0	5.0	7.5	10.5	6.0	2.0	3.5	4.5	5.5	4.5	7.0	7.0	7.0		10.5	1400	
8	4.0	3.0	1.5	2.5	2.0	2.5	3.5	7.0	4.5	11.5	10.5	13.5	6.0	7.0	8.0	8.5	2.5	3.5	4.5	3.5	3.0	.5	.5	1.5		13.5	1100	
9	4.0	6.0	3.5	2.0	1.0	1.5	1.0	1.0	3.5	6.0	3.5	1.5	1.0	3.0	1.5	2.5	2.0	3.0	6.5	5.0	2.0	2.5	5.5	8.5		8.5	2300	
10	8.5	10.5	8.5	6.5	5.0	4.0	8.5	4.5	6.0	6.0	5.5	7.5	5.5	2.5	1.5	4.0	2.5	3.0	2.0	3.0	3.0	1.5	3.0	2.5		10.5	0100	
11	5.5	4.5	3.0	3.5	7.0	9.0	10.0	6.5	2.5	3.5	1.0	4.0	6.0	7.5	8.0	7.5	4.0	2.0	4.0	3.0	7.0	6.5	7.0	6.0		10.0	0600	
12	8.0	6.5	6.5	9.5	9.0	9.5	8.5	6.0	3.0	2.0	3.0	4.5	5.5	6.0	5.0	4.5	4.0	2.5	1.0	1.0	5.5	1.0	1.5	2.5		9.5	03/05	
13	.5	2.5	5.0	2.5	2.5	1.0	1.5	7.0	4.0	3.0	2.5	2.5	2.5	6.0	5.0	4.5	3.5	3.0	2.5	3.5	4.0	2.5	3.5	2.0		7.0	0700	
14	7.5	5.5	2.5	1.5	2.5	4.0	3.5	3.5	3.0	2.0	4.5	4.0	5.5	5.0	3.5	3.0	2.5	2.0	1.5	2.0	1.5	1.0	1.0	1.5		7.5	0000	
15	3.5	3.0	3.5	2.5	2.0	2.0	1.0	1.5	2.0	2.0	3.5	←	RF											→		—	—	
16	←												RF											→		—	—	
17	←												RF											→		—	—	
18	←		RF									MT	3.0	6.0	3.0	3.5	6.0	3.5	5.0	2.0	6.5	4.5	4.5	2.5		—	—	
19	4.0	7.5	8.0	7.5	7.0	10.0	8.0	7.0	6.5	3.5	4.0	5.5	4.0	2.5	6.0	4.5	3.5	2.5	2.0	2.0	7.0	6.0	1.5	3.0		10.0	0500	
20	2.0	1.5	6.5	6.0	2.5	2.5	4.0	7.0	4.0	2.5	3.5	2.5	8.0	8.5	4.0	5.0	3.5	2.5	3.5	4.0	5.0	4.5	7.0	9.0		9.0	2300	
21	8.5	6.5	4.0	9.5	9.0	12.5	6.5	5.0	13.0	14.0	12.5	13.0	12.0	12.0	9.5	7.5	5.5	2.0	3.0	2.0	2.5	3.0	5.0	7.5		14.0	0900	
22	5.0	3.0	4.5	4.0	2.0	2.0	3.5	1.0	2.0	2.5	6.0	5.5	5.5	4.5	4.5	4.0	4.5	2.5	1.0	3.5	3.0	3.0	1.0	1.5		6.0	1000	
23	5.0	4.5	4.0	6.0	5.0	4.5	4.0	4.5	3.0	4.5	4.5	2.5	6.0	5.0	4.5	5.0	3.5	2.5	1.5	2.5	2.0	2.0	3.0	2.0		6.0	1200	
24	5.0	4.5	3.0	1.5	5.0	5.0	8.0	7.5	11.0	9.0	3.5	2.0	4.0	7.0	5.5	5.5	6.0	2.0	1.5	3.5	4.0	3.5	2.0	3.0		11.0	0800	
25	3.0	1.5	2.5	2.5	2.5	2.5	2.0	2.5	6.0	7.0	7.5	6.0	5.5	6.0	8.0	10.5	4.0	4.0	4.5	6.5	10.0	9.0	9.0	8.0		10.5	1500	
26	6.5	6.0	6.0	10.0	7.0	5.0	3.0	3.0	2.5	5.0	12.5	15.0	14.0	13.5	13.5	11.0	9.0	5.5	5.5	10.0	6.5	4.0	3.0	3.5		15.0	1100	
27	2.0	1.5	2.5	1.5	3.0	3.5	5.5	5.5	7.5	6.0	4.0	2.5	3.0	5.0	4.5	4.0	4.5	4.5	3.0	2.5	1.5	.5	1.5	3.5		7.5	0800	
28	1.5	2.0	2.0	1.5	3.0	4.0	4.0	2.5	5.0	2.0	2.5	3.5	4.5	6.0	7.5	5.5	6.0	5.5	3.5	4.5	5.0	5.0	6.0	9.0		9.0	2300	
29	4.0	7.5	6.5	6.5	5.0	1.5	5.0	6.0	6.5	4.5	3.5	4.5	3.0	2.0	1.5	4.5	2.5	1.0	.5	.5	2.0	2.5	3.0	4.5		7.5	0100	
30	8.0	8.0	4.0	1.5	1.5	.5	1.5	1.0	2.0	MT	4.5	4.0	[illegible]	[illegible]	[illegible]	1.5	1.5	2.0	2.5	2.0	2.5	2.0	2.0	2.0				
31	2.0	3.5	3.5	1.5	2.0	3.0	6.5	8.0	7.5	6.5	5.0	3.5	[illegible]	[illegible]	[illegible]	[illegible]	2.0	1.5	2.5	1.5	1.0	1.5	2.0	3.5				
Average																												

ND DIRECTION -10M
DEG.

CORRECTED DATA

WHITE RIVER SHALE PROJECT, UTAH

NOVEMBER, 1974

SITE A 12

AEROVIRONMENT INC.

REPORT PREPARED BY B.A./C.T.

QC Checked [illegible] By: [illegible]

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
2	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
3	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
4	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
5	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
6	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
7	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
8	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	5/ $$$ →	305	310	30	135	140	135	145	145	135	7
9	135	140	135	125	145	110	135	145	155	75	.0	315	220	355	325	290	80	145	140	140	75	140	135	140	7
10	125	135	115	120	145	135	120	135	130	45	225	305	260	255	265	330	290	290	275	285	125	140	150	145	7
11	165	145	145	150	150	150	125	155	150	0	40	330	.0	320	260	300	170	125	135	140	130	110	140	90	7
12	130	140	140	140	105	95	130	145	140	295	325	320	305	310	305	220	105	90	135	75	110	70	130	90	7
13	150	45	175	250	190	50	90	140	60	85	345	355	290	310	155	290	90	275	290	40	85	135	140	135	5
14	135	145	155	85	145	125	130	135	125	305	310	310	310	315	305	315	30	45	130	70	130	150	145	135	7
15	120	125	80	250	80	140	140	140	150	285	345	305	275	160	115	290	65	145	140	145	70	140	140	140	7
16	140	145	150	145	145	150	145	145	140	40	325	325	[illegible]	265	305	315	80	105	145	135	20	95	150	155	7
17	145	95	110	140	135	140	140	145	110	305	310	320	295	305	290	240	145	70	60	335	40	20	140	130	7
18	130	130	120	130	140	135	355	295	255	325	180	345	290	265	305	335	140	20	275	220	255	220	[illegible]	[illegible]	7
19	205	10	30	40	85	0	135	40	135	125	115	270	225	240	300	230	180	90	135	135	145	140	145	145	7
20	125	105	80	130	130	135	130	90	50	300	315	300	335	300	300	300	165	135	130	105	140	125	120	140	7
21	45	50	135	135	45	140	140	125	155	20	325	340	295	305	305	305	65	55	120	40	45	45	60	40	3
22	125	105	130	115	355	145	125	40	225	270	300	215	315	305	205	190	120	290	245	255	70	330	300	100	6
23	115	60	140	145	145	140	135	145	140	150	140	120	270	315	160	140	140	165	160	165	160	170	140	100	7
24	140	140	150	160	145	30	125	155	150	10	325	320	310	305	305	295	175	105	145	155	155	150	160	155	8
25	130	130	130	130	140	140	140	140	140	135	95	305	290	230	295	305	340	85	.0	250	225	5	90	135	7
26	135	130	135	130	140	125	125	130	140	155	195	150	225	265	300	0	105	115	135	140	135	125	100	130	7
27	130	130	135	140	145	140	130	140	135	30	305	315	305	305	300	285	80	95	115	45	90	90	95	335	7
28	115	50	60	340	50	145	150	110	95	305	285	300	35	30	35	30	40	320	355	60	100	40	15	105	3
29	130	130	125	135	145	150	145	145	140	145	350	315	280	285	290	290	165	75	135	130	130	135	145	145	7
30	135	135	135	65	105	140	135	145	150	95	315	315	305	295	290	290	25	130	105	105	140	140	150	145	7
31	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$
PV	7	7	7	7	7	7	7	7	7	15	15	15	15	15	14	14	5	5	7	7	7	7	7	7	

WIND DIRECTION - 10 m
Deg.

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1974

SITE A 12

AEROVIRONMENT INC.

REPORT PREPARED BY BA

CORRECTED DATA

QC Checked 4/3/75 By:

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	140	140	140	140	145	150	145	130	105	145	315	315	310	300	295	300	350	75	105	125	145	150	145	145	7	
2	145	155	150	145	135	155	155	155	140	30	320	320	305	295	290	320	70	85	115	145	145	150	140	145	7	
3	135	135	130	145	150	145	70	135	145	30	315	330	310	310	305	290	105	130	125	140	140	125	60	100	7	
4	70	95	105	130	145	125	350	135	130	60	310	315	330	10	305	10	35	35	90	120	50	145	60	120	7	
5	135	70	75	60	230	265	30	140	135	300	275	295	240	60	60	300	305	335	130	15	50	115	355	165	4	
6	170	165	170	170	170	170	175	170	160	125	295	285	110	130	30	285	60	120	125	130	120	125	125	130	6	
7	125	140	130	135	135	145	145	165	285	290	280	285	MT	MT	305	300	310	335	315	10	10	350	335	145	7	
8	55	80	60	70	70	105	140	145	150	145	55	320	295	295	285	290	295	120	120	160	150	165	145	155	8	
9	140	150	140	135	135	140	150	140	150	145	70	320	295	300	300	310	285	105	140	150	150	155	155	160	7	
10	135	135	135	145	130	125	140	145	150	135	345	330	305	305	305	260	260	105	125	115	140	140	150	165	7	
11	150	135	140	100	135	100	125	140	140	130	85	325	305	310	300	245	350	60	130	130	30	100	145	150	7	
12	125	125	125	135	140	140	145	150	145	150	145	75	335	285	315	20	80	135	115	40	65	30	55	140	7	
13	100	60	110	350	10	10	145	160	235	175	190	225	235	245	280	280	270	275	295	295	295	300	310	15	13	
14	45	40	90	125	130	135	140	145	150	150	155	105	245	315	350	10	95	145	155	165	170	160	150	160	8	
15	134	165	10	0	330	95	135	130	155	160	170	180	140	140	140	345	295	355	100	125	145	165	115	105	7	
16	135	125	135	135	150	155	155	150	155	165	160	55	310	315	290	310	270	120	135	135	150	145	150	155	8	
17	135	125	130	85	135	115	140	140	140	245	310	335	40	300	320	130	300	270	285	295	0	50	110	135	7	
18	135	135	130	160	155	165	170	150	160	150	355	335	305	315	320	345	75	40	100	150	170	155	170	150	8	
19	85	85	125	155	130	140	70	130	150	185	305	310	295	280	280	285	280	290	295	285	20	65	120	155	14	
20	130	140	140	165	160	150	150	140	145	160	155	220	305	315	310	170	325	345	180	140	145	150	50	105	8	
21	60	135	120	135	145	160	155	160	170	170	265	315	170	290	230	175	190	185	195	190	190	195	200	270	9	
22	280	280	285	235	280	285	285	255	10	75	260	295	250	250	265	265	290	290	200	100	120	95	150	150	13	
23	130	115	140	115	140	130	100	120	95	145	280	335	305	325	340	35	50	80	75	55	40	45	115	150	3	
24	135	135	130	120	145	155	155	160	150	145	25	325	305	215	255	290	35	140	125	135	140	105	140	145	7	
25	140	140	70	140	145	145	160	60	150	140	330	335	310	305	305	305	310	80	80	145	150	155	155	150	7	
26	125	125	105	75	130	150	70	40	135	125	60	320	315	340	320	305	335	140	140	135	150	135	60	135	7	
27	130	125	125	115	110	140	115	135	140	325	315	330	310	310	310	310	340	50	80	140	130	135	140	150	7	
28	135	110	135	145	140	105	95	155	255	320	30	305	305	295	245	245	285	110	115	140	75	80	135	145	7	
29	115	50	160	145	110	5	315	65	155	155	145	300	315	300	240	325	330	320	110	145	95	105	120	185	6	
30	135	135	135	145	135	135	130	125	145	145	235	330	320	315	315	320	40	95	140	115	155	155	155	155	7	
31	130	95	75	325	65	275	220	125	100	325	320	330	295	305	310	305	315	90	125	105	145	155	165	165	15	
PV	7	7	7	7	7	7	7	7	8	7	15	15	15	15	15	15	14	6	6	7	7	8	8	8		

Entered

CORRECTED DATA

QC Checked 3-25-75 By: D.G.

STATION WIND DIRECTION
Deg 10 m

DATA FOR MONTH OF JAN 1975 STATION NUMBER A12
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C. T.

DAY	CLOCK HOUR (standard time)																									GUSTINESS		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	PEAK	TIME	
1	145	155	150	150	110	110	150	110	155	155	165	325	300	290	250	295	5	130	110	110	115	145	150	165		155	0100	
2	135	105	135	150	155	155	155	155	160	70	325	330	265	320	←M	T→	160	115	130	145	115	105	145	160		155	0100	
3	140	130	140	135	40	110	140	150	160	150	220	320	310	315	315	320	270	120	150	155	165	165	120	110		165	2000	
4	140	135	140	140	140	120	130	120	10	185	340	5	145	0	135	160	345	20	160	50	115	150	150	165		VAR	21/23	
5	135	130	140	150	160	60	155	135	155	155	290	325	305	295	310	245	65	350	155	145	155	315	315	85		155	0900	
6	145	50	95	130	130	135	40	125	155	155	175	330	335	335	180	165	175	175	180	175	30	105	115	140		180	1400	
7	125	140	100	115	85	155	145	315	295	150	165	330	295	265	295	315	125	125	130	140	145	165	170	165		295	1400	
8	140	290	25	325	15	70	105	195	185	190	190	205	305	280	290	215	60	275	335	30	135	165	270	335		205	1100	
9	125	140	10	160	140	90	35	130	150	150	150	100	150	310	340	145	95	50	45	335	70	90	130	170		170	2300	
10	155	150	150	150	150	150	160	165	165	160	205	335	315	305	210	145	230	310	30	135	115	130	140	65		150	0100	
11	155	155	100	165	150	155	155	70	185	235	10	210	290	285	275	290	325	70	135	25	20	60	75	150		155	0600	
12	140	145	155	155	155	160	165	150	75	140	285	335	305	315	305	315	300	95	125	320	325	0	40	70		160	03/05	
13	95	110	135	90	110	120	105	155	145	355	55	330	315	310	310	325	355	125	85	135	100	45	140	140		155	0700	
14	145	145	110	100	135	135	150	75	65	345	325	330	310	335	305	275	300	5	75	125	115	75	90	150		145	0000	
15	120	115	135	105	35	55	95	40	135	155	305	←	RF											→		—	—	
16	←												RF											→		—	—	
17	←												RF											→		—	—	
18	←		RF									[illegible]	325	305	350	55	305	220	135	155	145	145	160	140		—	—	
19	135	140	140	145	150	150	155	155	145	130	355	325	320	320	320	305	315	75	140	120	160	160	145	95		150	0500	
20	120	125	135	130	75	115	105	150	225	155	140	350	70	315	255	290	325	170	140	130	85	150	185	190		190	2300	
21	155	175	295	295	350	35	35	355	25	25	335	330	15	20	0	10	345	50	100	125	55	135	150	155		25	0900	
22	145	95	150	120	135	145	130	40	145	200	315	325	300	300	325	300	310	75	100	130	100	130	90	85		315	1000	
23	135	135	135	130	135	145	135	265	75	300	330	320	310	305	310	310	320	55	110	135	30	25	140	125		310	1200	
24	135	75	170	145	140	70	145	150	150	170	305	335	0	290	280	300	305	35	130	125	140	100	105	145		150	0800	
25	120	60	125	125	130	65	20	135	175	185	195	305	245	250	270	280	290	100	120	135	150	165	175	180		280	1500	
26	155	155	140	155	170	180	60	185	245	195	165	190	170	165	180	185	195	180	145	290	315	55	120	80		190	1100	
27	65	75	85	60	125	145	145	150	145	145	140	140	250	295	290	300	305	315	0	45	110	75	175	175		145	0800	
28	5	115	170	65	320	320	315	80	150	175	240	250	330	225	195	225	220	160	115	135	135	135	135	145		145	2300	
29	55	125	135	140	140	100	100	135	145	140	190	315	275	255	260	300	250	130	120	140	120	115	145	150		125	0100	
30	125	120	120	75	10	355	300	275	290	[illegible]	315	320	20	35	5	310	335	320	335	335	250	130	50	70				
31	20	135	170	35	225	145	150	155	155	150	130	320	25	340	215	325	45	125	100	95	75	90	240	100				
Prevailing																												

QC Checked 1/3/75 By: JCB

CORRECTED DATA

STATION TEMPERATURE (oC)   10 m

DATA FOR MONTH OF Nov 1974   STATION NUMBER A 12
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY [illegible]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
1																												
2																												
3																												
4																												
5																												
6																												
7																												
313 8													start →			6.0	5.1	2.0	-.9	-1.0	-.9	-.7	-.1	-1.1	.9	—	—	
9	-2.[illegible]	-2.6	-2.0	-1.8	-2.6	-1.5	-1.2	-1.5	-.2	2.4	4.6	5.0	4.2	4.4	5.0	5.3	3.4	.7	-1.[illegible]	-1.2	-.5	-.6	-.4	.1	.7	5.3	1500	
10	-7.[illegible]	-7.[illegible]	[illegible]	-7.0	-6.5	6.6	-7.1	-7.7	-4.8	-.8	1.5	1.5	3.2	3.6	4.7	4.8	5.0	4.4	1.8	.9	.7	-3.3	-4.6	-5.[illegible]	-1.9	5.0	1600	
315 11	-8.5	-8.8	-7.0	-8.2	-7.5	-9.2	-10.8	-8.6	-4.0	-1.1	.0	3.0	2.5	4.0	4.4	4.8	2.1	-2.9	-3.9	-4.6	-6.5	-5.9	-6.1	-5.[illegible]	-3.7	4.8	1500	
12	-9.2	-9.9	-8.0	-7.8	-7.6	-9.5	-9.5	-8.6	-7.2	-5.0	-2.5	-.4	2.6	3.2	3.6	2.9	-.1	-3.6	-6.1	-6.2	-6.3	-6.[illegible]	-7.2	-8.4	-4.1	3.6	1400	
13	-6.0	-6.3	-6.4	-6.8	-7.6	-8.5	-7.2	-4.4	.5	5.1	7.1	9.4	9.4	10.4	10.3	9.8	6.4	6.5	6.0	1.8	-1.5	-2.4	-5.1	-6.[illegible]	.6	10.4	1300	
14	-5.[illegible]	-5.6	-5.5	-6.[illegible]	-7.[illegible]	-7.2	-7.1	-6.[illegible]	-4.[illegible]	-.[illegible]	1.2	4.4	3.9	3.9	4.2	4.8	3.1	-1.3	-1.[illegible]	-2.7	-6.0	-5.0	-3.[illegible]	-3.1	-2.3	4.8	1500	
15	-1.9	-2.1	-.4	-1.0	-1.5	-2.2	-2.2	-2.2	.6	2.9	3.7	5.7	3.1	6.4	8.0	8.1	5.5	[illegible]	-1.2	-1.9	-3.1	-5.5	-5.9	-6.4	.3	8.1	1500	
320 16	-7.3	-8.0	-7.1	-7.6	-[illegible]	-[illegible]	-9.3	-10.1	-5.7	-1.2	.6	3.5	2.6	4.9	4.9	5.2	2.8	-2.0	-3.2	-4.2	-6.7	-6.0	-5.[illegible]	-5.[illegible]	-2.2	5.8	1500	
17	-6.5	-7.3	-[illegible].7	-8.5	-9.3	-10.2	-10.4	-9.2	-6.1	-4.0	-.3	.5	.1	2.7	2.9	2.9	.4	-2.6	-4.1	-3.9	-3.8	-1.8	-2.0	-2.5	-3.9	2.9	14/15	
18	-2.0	-5.1	-6.[illegible]	-6.5	-5.1	-5.9	-6.4	-5.1	-.2	.0	4.[illegible]	5.9	.9	4.4	4.4	3.7	2.8	.6	1.4	1.7	1.3	1.0	.8	.4	-.5	5.9	1100	
19	-.9	-2.4	-3.[illegible]	-6.2	-5.7	-6.1	-6.4	-5.[illegible]	-4.8	-.7	2.7	4.0	1.8	2.4	3.1	3.2	.7	-4.2	-6.7	-7.5	-7.3	-7.6	-7.8	-7.[illegible]	-3.0	4.0	1100	
→ 20	-10.[illegible]	-10.5	-11.4	-12.[illegible]	-12.6	-11.9	-12.2	-10.[illegible]	-7.0	-4.6	-1.5	-.4	.9	3.1	3.0	2.8	-.1	-3.1	-5.1	-7.4	-6.8	-6.7	-7.5	-7.5	-5.8	3.0	1400	
325 21	-[illegible].7	-11.5	-12.7	-11.4	-12.[illegible]	-12.[illegible]	-12.[illegible]	-12.1	-9.1	-2.[illegible]	-1.1	1.7	2.4	3.4	4.6	4.9	3.0	-.5	-2.6	-5.[illegible]	-5.5	-5.[illegible]	-6.1	-5.[illegible]	-4.9	4.9	1500	
22	-7.[illegible]	-7.[illegible]	-8.[illegible]	-7.2	-7.4	[illegible]	-9.5	-7.[illegible]	-5.1	-3.3	.7	6.6	5.1	5.1	6.6	7.3	4.9	4.0	2.[illegible]	-.7	-1.5	-1.[illegible]	-.1	-3.1	-1.5	7.3	1500	
23	-4.[illegible]	-5.5	-6.5	-6.1	-5.[illegible]	-6.6	-7.[illegible]	-7.[illegible]	-6.7	-4.[illegible]	[illegible]	.7	.0	.7	.7	1.2	-.4	-4.5	-5.6	-5.[illegible]	-5.5	-6.2	-6.2	-6.4	-4.1	1.3	1500	
24	-[illegible].4	[illegible]	[illegible]	-11.[illegible]	[illegible]	-10.1	-10.[illegible]	-11.2	[illegible]	-4.4	-2.2	-2.0	.0	2.3	4.0	3.5	1.1	-3.1	-5.0	-5.1	-4.9	-4.2	-4.4	-5.7	-5.0	4.0	1400	
25	-1[illegible]	-11.7	-11.1	-11.8	-1[illegible]	-14.9	-15.[illegible]	-16.6	-9.4	-6.4	-3.6	-2.9	-3.3	-.6	1.4	1.0	-1.[illegible]	-5.5	-6.6	-3.7	-.5	-1.0	-5.5	-5.9	-6.7	1.4	1400	
330 26	[illegible]	[illegible]	-7.4	-1[illegible]	-1[illegible]	-11.2	-11.[illegible]	-11.2	-7.8	-2.[illegible]	-.5	[illegible]	1.3	2.7	1.6	2.6	-.4	-5.5	-6.[illegible]	-6.[illegible]	-6.6	-6.[illegible]	[illegible]	-11.[illegible]	-5.7	2.7	1300	
27	-1[illegible].1	-12.[illegible]	-12.4	-12.[illegible]	-12.1	-12.[illegible]	-12.6	-12.7	-12.1	-8.2	-6.6	-3.2	-2.2	-1.3	-1.7	-2.1	-2.[illegible]	-5.7	-6.1	-6.6	-4.6	-5.[illegible]	-6.3	-6.[illegible]	-7.1	-1.3	1300	
28	-6.[illegible]	-6.[illegible]	-6.2	-6.[illegible]	[illegible]	-7.1	-7.1	-7.[illegible]	[illegible]	-5.8	-6.0	-2.9	-2.7	-2.4	-2.7	-2.2	-4.[illegible]	-6.2	-6.[illegible]	-9.1	-11.0	-11.9	-12.5	-13.[illegible]	-6.7	-2.2	1300	
29	-12.[illegible]	-13.[illegible]	-12.[illegible]	-15.2	-17.4	-16.[illegible]	-14.7	-17.[illegible]	-14.[illegible]	-10.9	-7.1	-7.0	-6.8	-6.2	-6.3	-6.9	-7.3	-9.9	-12.4	-13.1	-12.[illegible]	-12.6	-1[illegible]	-14.[illegible]	-11.[illegible]	-6.3	1400	
30	-16.[illegible]	-15.[illegible]	-1[illegible]	-16.1	-17.5	-1[illegible]	-17.[illegible]	-17.1	-15.[illegible]	-10.[illegible]	-8.2	-6.6	-6.8	-5.5	-5.4	-6.3	-7.5	-11.[illegible]	-12.1	-13.1	-13.[illegible]	-1[illegible]	-13.[illegible]	-13.2	-12.[illegible]	-5.4	1400	
335 31																												
AVERAGE	-7.6	-8.2	-8.2	-8.6	-8.8	-9.2	-9.6	-9.1	-6.3	-2.9	-.6	1.1	1.1	2.4	2.8	2.9	.9	-2.3	-3.8	-4.7	-4.9	-5.2	-5.8	-6.4	4.1	-	—	

Entered

UNCORRECTED DATA

QC Checked 2-17-75 **By:** D.G.

STATION TEMPERATURE (°C)   10 m

DATA FOR MONTH OF Dec. 1974 STATION NUMBER A 12
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY Bill Aikman

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MAX.	TIME	
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-17.6	[illegible]	-11.7	-7.5	-7.7	-5.9	-3.4	-4.0	[illegible]	-5.1	[illegible]	[illegible]	-10.2	[illegible]	[illegible]	[illegible]	[illegible]		-3.4	1300	
2	[illegible]	[illegible]	-15.2	[illegible]	[illegible]	[illegible]	-16.5	[illegible]	-13.5	[illegible]	[illegible]	-5.7	-.2	1.0	2.0	1.1	-.7	[illegible]	-4.4	-4.7	-6.2	[illegible]	-1.3	-7.7		-.2	1200	
3	-13.6	-15.5	-15.9	-14.9	-15.7	-15.9	-15.6	-15.3	[illegible]	-8.2	-5.7	-4.3	-4.7	-2.9	-3.2	-2.7	-5.5	-9.7	-12.4	[illegible]	-11.8	[illegible]	-11.3	-11.9		-2.7	1500	
4	-15.1	[illegible]	-15.1	[illegible]	[illegible]	[illegible]	[illegible]	15.2	-11.4	[illegible]	[illegible]	-3.1	-2.4	-1.7	-1.5	-1.6	-2.7	[illegible]	-5.7	-7.1	-7.5	-7.2	[illegible]	-6.6		-1.5	1400	
5	[illegible]	[illegible]	-9.9	[illegible]	[illegible]	[illegible]	[illegible]	-7.7	[illegible]	[illegible]	[illegible]	[illegible]	-1.5	-1.6	[illegible]	-.9	-1.3	-1.3	-2.7	[illegible]	[illegible]	[illegible]	-5.1	-5.1		-.3	1400	
6	-4.8	[illegible]	[illegible]	-4.2	-4.2	[illegible]	[illegible]	[illegible]	[illegible]	-2.9	1.2	.9	-1.3	-.6	[illegible]	[illegible]	[illegible]	[illegible]	-7.5	[illegible]	[illegible]	[illegible]	[illegible]	-6.5		1.2	1000	
7	-10.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	→	-6.7	-7.8	-7.2	-6.4	-6.2	-6.5	-7.2	-7.5	-9.0	-10.9		—	—	
8	-12.5	-13.0	-12.9	-12.5	-14.3	-15.4	-15.5	-15.7	-15.0	-11.7	-8.1	-5.4	-6.7	-7.1	-6.1	-5.9	-6.6	-9.4	-11.7	-11.5	-12.4	-12.7	-13.7	-15.0		-5.4	1100	
9	-16.0	-16.4	-17.4	-19.2	-18.8	-18.9	-18.2	-18.6	-17.7	-15.8	-11.5	-10.6	-9.7	-7.7	-7.4	-6.5	-6.6	-10.0	-12.4	-13.6	-13.6	-15.0	-14.9	-16.6		-6.5	1500	
10	-18.8	-18.9	-18.5	-18.4	-18.6	-19.1	-19.2	-19.6	-18.4	-13.7	-10.5	-9.6	-10.9	-9.3	-9.0	-8.6	-7.8	-11.0	-12.6	-14.1	-15.9	-15.2	-15.9	-15.0		-7.8	1600	
11	-14.7	-15.4	-17.8	-18.4	-17.8	-18.1	-17.7	-17.6	-17.9	-14.4	-9.6	-9.0	-7.5	-7.1	-7.0	-5.6	-5.9	-6.6	-6.6	-6.9	-7.2	-7.8	-10.0	-9.8		-5.6	1500	
12	-13.6	-13.4	-13.5	-12.6	-12.3	-14.3	-14.8	-3.2	-11.9	-9.8	-5.2	-.6	-2.6	-1.4	-1.5	-1.1	-2.7	-7.3	-8.2	-10.8	-13.2	-14.4	-13.2	-11.8		-.6	1100	
13	-14.5	-14.1	-13.1	-12.6	-11.7	-10.1	-11.0	-10.5	-7.9	-6.9	-4.3	-1.9	-4.3	-4.9	-5.5	-5.4	-6.4	-6.0	-6.4	-6.9	-6.4	-5.3	-5.5	-7.2		-1.9	1100	
14	-12.9	-14.3	-13.0	-14.1	-15.9	-16.6	-16.3	-16.8	-15.4	-11.9	-7.9	-2.5	-4.8	-6.3	-5.2	-4.8	-6.6	-10.4	-11.3	-9.7	-7.9	-9.3	-9.0	-8.4		-2.5	1100	
15	-8.2	-7.1	-6.7	-6.9	-7.6	-10.1	-11.1	-11.4	-10.5	-7.8	-4.9	-1.8	-2.6	-1.8	-2.0	-1.6	-2.0	-4.7	-6.6	-7.3	-7.1	-7.4	-7.3	-7.4		-1.6	1500	
16	-7.4	-7.6	-7.2	-6.9	-6.7	-6.0	-6.0	-6.0	-5.9	-4.0	-2.0	2.6	-2.2	-2.2	-1.5	-1.0	-2.4	-6.0	-7.5	-7.4	-7.6	-7.5	-8.4	-8.6		2.6	1100	
17	-10.1	[illegible]	[illegible]	-13.2	-14.1	-13.5	-14.0	-13.8	-13.2	-12.1	-9.0	-6.1	-5.0	-3.0	-4.9	-5.8	-4.8	-2.1	-2.7	-4.4	-5.5	-8.9	-11.3	-11.0		-2.1	1700	
18	-13.5	-13.3	-13.4	-13.7	-14.6	-14.5	-14.9	-14.7	-13.8	-10.4	-8.2	-6.7	-8.1	-5.5	-5.5	-5.5	-6.3	-7.1	-7.1	-6.6	-4.6	-5.2	-4.7	-7.1		-4.6	2000	
19	-11.0	-11.2	-11.9	-12.4	-13.5	-12.8	-12.3	-12.9	-13.0	-8.6	-4.4	-3.7	-4.2	-3.3	-3.2	-3.3	-3.5	-4.7	-5.5	-5.9	-6.3	-8.3	-9.7	-10.5		-3.2	1400	
20	-13.6	-12.9	-13.1	-12.2	-12.4	-12.4	-12.2	-11.3	-10.4	-8.6	-5.8	-2.4	-6.3	-4.6	-3.2	-3.6	-3.5	-4.5	-5.9	-6.4	-6.2	-5.5	-4.7	-4.8		-2.4	1100	
21	-6.7	-7.9	-9.3	-8.6	-8.1	-7.4	-7.2	-6.6	-5.9	-2.8	-1.0	-1.8	-.5	-.9	-1.9	1.1	1.4	1.2	1.2	1.0	.9	1.8	1.1	-.9		1.8	2100	
22	-5.3	-6.4	-7.2	-7.2	-7.1	-7.5	-8.3	-10.4	-10.8	-10.1	-6.6	-6.1	-9.1	-8.6	-8.6	-9.1	-9.9	-11.0	-11.2	-14.5	-16.3	-17.5	-17.9	-17.5		-5.3	0000	
23	-19.5	-19.8	-20.0	-20.4	-20.9	-20.3	-21.0	-22.0	-22.1	-19.4	-16.9	-15.4	-15.9	-15.2	-13.5	-13.0	-13.4	-13.7	-14.7	-15.4	-14.9	-15.4	-16.1	-16.3		-13.0	1500	
24	-19.3	-20.1	-21.5	-22.3	-22.9	-22.4	-23.3	-22.4	-22.1	-19.2	-17.1	-15.0	-14.6	-12.4	-11.4	-12.9	-13.3	-17.9	-18.0	-17.9	-19.3	-22.0	-21.6	-21.2		-11.4	1400	
25	-22.7	-23.4	-23.2	-23.4	-24.6	-23.8	-23.6	-24.4	-24.6	-20.8	-17.0	-15.6	-15.2	-12.9	-11.9	-11.5	-11.6	-15.7	-16.8	-16.5	-18.0	-19.7	-20.1	-19.0		-11.5	1500	
26	-23.9	-24.3	-23.6	-24.1	-23.3	-23.0	-23.1	-23.0	-22.8	-20.1	-14.1	-13.6	-15.1	-13.2	-10.6	-11.5	-12.7	-13.5	-16.2	-17.3	-17.9	-17.6	-17.9	-18.8		-10.6	1400	
27	-21.0	-21.0	-22.3	-21.7	-22.4	-21.8	-21.2	-21.5	-20.1	-17.3	-13.7	-13.4	-13.6	-11.6	-11.6	-10.9	-11.1	-12.7	-14.1	-15.4	-17.0	-17.5	-17.4	-16.2		-10.9	1500	
28	-18.7	-18.5	-18.2	-17.3	-16.8	-16.1	-16.9	-16.2	-14.2	-13.6	-11.9	-9.4	-11.3	-9.1	-6.0	-4.5	-6.9	-11.0	-13.1	-12.3	-11.4	-12.6	-13.0	-12.2		-4.5	1500	
29	-14.6	-13.8	-13.5	-13.2	-13.7	-12.8	-12.5	-12.8	-12.5	-11.6	-9.3	-6.3	-10.8	-9.4	-6.7	-6.4	-8.6	-9.5	-9.9	-11.8	-12.1	-13.0	-13.5	-15.1		-6.3	1100	
30	-16.1	-13.8	-15.5	-12.9	-12.4	-12.3	-14.3	-17.6	-16.7	-14.7	-9.6	-10.1	-12.5	-10.9	-11.9	-11.9	-13.8	-18.0	-19.2	-19.3	-20.0	-19.8	-21.2	-20.8		-9.6	1000	
31	-19.7	-20.3	-22.5	-19.0	-20.0	-18.4	-17.9	-18.0	-19.1	-17.4	-13.4	-10.1	-16.3	-10.5	-9.5	-10.1	-11.9	-15.2	-19.4	-21.1	-20.7	-19.9	-21.1	-21.0		-9.5	1400	
AVERAGE																												

CORRECTED DATA

QC Checked 3-24-75 By: D.G.

Entered

STATION TEMPERATURE (°C) 10 m

DATA FOR MONTH OF Jan 1975 STATION NUMBER A 12
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT UTAH
REPORT PREPARED BY C. T.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	DAILY PEAK MAX.	DAILY PEAK TIME	CALIBRATION
366 1	-23.6	-23.8	-22.9	-23.9	-24.1	-24.4	-25.0	-24.7	-24.7	-21.4	-16.6	-15.0	-15.6	-13.7	-9.5	-10.8	-12.6	-17.3	-18.5	-20.7	-22.1	-22.4	-22.3	-21.6		-9.5	1400	
67 2	-24.7	-25.6	-25.2	-25.1	-25.3	-24.4	-24.3	-24.8	-24.2	-20.7	-17.9	-16.6	-13.2	-10.1	-6.4T	-6.7	-12.8	-17.1	[illegible]	-18.9	-19.7	-21.2	-20.2	-18.9		-6.7	1500	
3	-21.6	-22.7	-22.6	-22.3	-23.9	-25.0	-25.4	-25.8	-25.7	-23.3	-19.2	-17.6	-15.4	-14.2	-12.6	-11.6	-12.0	-16.3	[illegible]	-19.9	-18.9	-18.6	-19.2	-21.4		-11.6	1500	
60 4	-24.8	-23.2	-22.6	-22.7	-21.4	-21.8	-23.0	-23.4	-23.8	-19.5	-16.8	-15.8	-14.8	-13.9	-11.7	-11.0	-12.8	-14.0	-14.6	-14.6	-17.0	-18.2	-18.4	-18.1		-11.0	1500	
5	-19.0	-19.5	-20.1	-20.9	-21.0	-20.3	-20.1	-20.5	-20.2	-16.1	-12.5	-12.0	-12.8	-10.5	-9.4	-9.4	-8.4	-9.7	-10.5	-12.7	-10.9	-9.3	-10.7	-11.0		-8.4	1600	
6	-12.6	-12.4	-13.4	-15.5	-16.0	-15.1	-16.7	-17.7	-17.9	-15.2	-9.2	-5.5	-8.2	-8.3	-4.7	-2.9	-3.5	-4.6	-5.2	-4.3	-6.0	-9.9	-13.2	-15.0		-2.9	1500	
7	-17.7	-17.9	-17.6	-17.6	-17.0	-15.4	-13.5	-11.2	-12.9	-10.9	-7.9	-3.4	-5.3	-3.9	-4.5	-5.0	-6.0	-9.6	-9.8	-12.2	-13.0	-13.3	-12.7	-10.3		-3.4	1100	
8	-12.7	-13.7	-13.8	-13.7	-12.8	-12.7	-11.1	-5.8	[illegible]	-4.2	-2.2	-1.5	-7.4	-8.9	-8.4	-4.0	-6.7	-6.2	-6.5	-7.3	-7.8	-8.6	-8.7	-8.2		-1.5	1100	
9	-11.9	-12.8	-12.6	-13.0	-13.7	-16.6	-19.1	-20.7	-21.7	-17.6	-13.5	-7.5	-3.1	-5.2	-5.3	-7.3	-9.5	-12.9	-15.9	-14.9	-14.3	-17.2	-20.0	-21.7		-3.1	1200	
10	-24.0	-23.6	-25.5	-26.3	-26.7	-26.5	-25.2	-25.3	-24.7	-21.6	-17.9	-18.3	-20.1	-18.1	-12.9	-14.1	-14.1	-17.2	-18.5	-21.6	-23.4	-23.2	-22.1	-22.1		-12.9	1400	
11	-25.3	-25.2	-24.3	-24.5	-23.9	-23.4	-22.0	-22.6	-22.6	-19.4	-15.1	-8.8	-.49	-15.1	-15.1	-15.3	-15.1	-19.6	-22.5	-23.7	-19.4	-21.9	-20.0	-20.9		-8.8	1100	
12	-25.9	-27.1	-27.8	-28.9	-28.0	-27.9	-27.1	-27.6	-28.2	-22.7	-18.6	-18.9	-19.4	-19.2	-18.3	-17.6	-17.1	-19.3	-20.5	-19.4	-8.8	-18.0	-18.1	-20.1		-17.1	1600	
13	-25.1	-25.2	-25.5	-24.9	-25.6	-24.7	-25.2	-24.5	-23.4	-20.1	-15.6	-15.0	-11.8	-14.8	-13.9	-13.7	-13.9	-15.5	-17.5	-20.1	-18.0	-18.1	-20.5	-21.5		-11.8	1200	
14	-24.3	-24.5	-24.1	-24.8	-24.7	-23.7	-23.2	-23.3	-23.1	-19.4	-17.5	-14.3	-16.8	-15.3	-14.1	-13.1	-13.3	-16.5	-19.3	-19.6	-19.2	-21.8	-22.4	-22.6		-13.1	1500	
15	-24.0	-24.7	-25.4	-25.3	-25.5	-24.9	-24.3	-25.5	-26.3	-20.9	-17.6	←				RF								→		—	—	
16	←												RF											→		—	—	
17	←												RF											→		—	—	
18	←	RF									→		-6.2	-4.8	-2.1	1.1	-3.3	-7.3	-8.8	-10.2	-9.8	-9.1	-9.9	-11.7		—	—	
19	-15.3	-15.2	-14.7	-14.8	-13.9	-13.0	-12.8	-13.5	-13.2	-9.4	-6.0	-5.9	-6.1	-2.7	-2.9	-2.4	-2.0	-5.5	-9.2	-11.8	-11.9	-10.6	-9.5	-11.9		-2.0	1600	
20	-15.6	-16.3	-16.0	-15.4	-16.0	-17.6	-17.4	-16.3	-14.6	-12.4	-9.5	-4.2	-20	-3.9	.2	1.2	-2.2	-5.4	-7.7	-9.2	-7.2	-4.8	-1.2	-.2		1.2	1500	
21	-4.8	-6.1	-3.1	-2.8	-5.8	-9.8	-11.2	-11.7	-11.3	-10.8	-9.1	-8.0	-7.8	-8.6	-8.6	-8.2	-8.3	-12.2	-17.1	-17.6	-18.1	-18.5	-18.7	-18.8		-2.8	0300	
22	-19.9	-20.4	-20.3	-20.6	-22.5	-23.2	-23.5	-23.3	-22.2	-16.5	-15.4	-14.3	-13.1	-12.2	-11.2	-10.2	-10.0	-12.6	-16.6	-18.1	-17.7	-17.5	-18.0	-18.8		-10.0	1600	
23	-21.1	-20.6	-21.9	-19.4	-18.2	-17.2	-14.6	-14.5	-14.6	-11.6	-10.3	-6.6	-9.5	-10.4	-8.7	-7.7	-8.3	-12.4	-15.8	-17.4	-16.5	-15.9	-15.8	-15.6		-6.6	1100	
24	-16.0	-14.6	-14.5	-15.7	-15.6	-15.3	-15.0	-13.0	-11.2	-6.7	-3.4	.8	-.1	-.4	1.7	2.9	2.1	-.3	-1.4	-2.8	-4.0	-3.7	-4.8	-5.7		2.9	1500	
25	-10.6	-10.3	-10.8	-10.0	-9.2	-8.7	-8.2	-8.3	-2.3	3.8	5.5	8.8	4.3	5.1	6.1	6.5	5.6	.4	-3.1	-2.9	-2.9	-2.9	-.5	.2		8.8	1100	
91 26	-3.6	-3.9	-3.1	-1.9	-.6	-.4	-2.5	-5.9	-1.7	-.9	3.8	7.4	4.3	4.9	5.7	5.6	6.4	4.1	-.1	-.0	-1.7	-3.7	-6.1	-7.8		7.4	1100	
77 27	-11.8	-13.1	-13.1	-12.2	-13.1	-13.4	-13.5	-13.4	-12.9	-9.7	-6.4	-4.9	-6.3	-7.3	-7.0	-6.2	-6.6	-6.5	-6.8	-7.5	-8.4	-9.5	-9.0	-8.2		-4.9	1100	
97 28	-10.6	-11.0	-10.7	-10.6	-10.9	-11.2	-9.3	-9.0	-9.1	-8.1	-6.1	-4.9	-10.2	-10.0	-9.4	-9.5	-10.9	-12.6	-19.0	-21.4	-21.5	-22.9	-24.2	-23.7		-4.9	1100	
29	-25.8	-27.8	-27.2	-25.7	-23.7	-24.6	-25.4	-24.5	-23.5	-21.4	-14.6	-16.8	-17.9	-14.5	-4.6	-14.9	-15.8	-18.2	-21.8	-23.1	-23.3	-23.3	-23.2	-22.3		-4.6	1400	
30	-25.5	-25.8	-25.3	-24.9	-23.8	-22.3	-21.7	-21.1	-19.4	[illegible]	-15.5	-14.5	-12.9	-10.1	-9.9	-10.9	-11.5	-12.4	-13.2	[illegible]	[illegible]	-12.2	-13.2	-14.4				
31	-13.8	-12.1	-12.8	-12.2	-12.6	-15.1	-14.6	-16.6	-15.4	-14.1	-6.9	-9.2	-11.3	-6.5	-9.7	-12.3	-13.4	-13.0	-12.7	-11.9	-11.2	-16.1	-14.9	-15.4				
AVERAGE																												

III.

3. MISCELLANEOUS DATA

HIGH VOLUME FILTERS

WHITE RIVER SHALE PROJECT, UTAH

RUN DATE	SITE	FILTER NO.	INT. WT. (gms)	FIN. WT. (gms)	TIME (min)	FLOW RATE (cu m/min)	FLOW VOL (cubic m)	PARTICULATE WT. (microgms/cubic m)
12/24/74	2	14	3.537	3.555	1440	1.057	1522	11.8
12/24/74	1	15	3.552	3.569	1440	1.051	1513	11.2
12/24/74	4	16	3.537	3.561	1440	1.045	1505	15.9
12/24/74	7	17	3.551	3.563	1459	1.055	1539	7.3
12/24/74	5	18	3.520	3.550	1442	1.052	1517	19.8
12/24/74	3	19	3.510	3.523	1443	1.070	1544	8.4
12/30/74	1	20	3.524	3.537	1437	1.051	1510	8.6
12/30/74	2	21	3.539	3.552	1440	1.057	1522	8.5
12/30/74	4	22	3.527	3.541	1510	1.045	1578	8.9
12/30/74	[illegible]	23	[illegible]	3.550	1421	1.055	1499	6.0
12/30/74	5	24	3.513	3.528	1439	1.052	1514	9.9
12/30/74	3	25	3.534	3.549	1438	1.070	1539	9.7
1/ 5/75	1	26	3.537	3.552	1440	1.051	1513	9.9
1/ 5/75	2	27	3.527	3.539	1441	1.057	1523	7.9
1/ 5/75	4	28	3.551	3.567	1370	1.045	1432	11.2
1/ 5/75	3	29	3.534	3.547	1440	1.070	1541	8.4
1/ 5/75	5	30	3.516	3.535	1450	1.052	1525	12.5
1/ 5/75	7	31	3.527	3.540	1440	1.055	1519	8.6
1/11/75	3	32	3.547	3.562	1440	1.070	1541	9.7
1/11/75	1	33	3.533	3.548	1440	1.051	1513	9.9
1/11/75	2	34	3.536	3.550	1439	1.057	1521	9.2
1/11/75	4	35	3.522	3.540	1440	1.045	1505	12.0
1/11/75	5	36	3.518	3.539	1440	1.052	1515	13.9
1/11/75	7	37	3.526	3.541	1441	1.055	1520	9.9
1/18/75	1	38	3.510	3.528	1440	1.051	1513	11.9
1/18/75	2	39	3.515	3.530	1441	1.057	1523	9.8
1/18/75	5	40	3.511	3.534	1440	1.052	1515	15.2
1/18/75	3	41	3.530	3.549	1384	1.070	1481	12.8
1/18/75	4	42	3.540	3.547	1441	1.045	1506	4.6
1/18/75	8	43	3.542	3.553	1450	1.047	1518	7.2
1/18/75	7	44	3.512	3.527	1440	1.055	1519	9.9
1/18/75	6	45	3.518	3.527	713	1.000	713	12.6
1/24/75	5	46	3.526	3.548	1441	1.052	1516	14.5
1/24/75	4	47	3.523	3.534	1440	1.045	1505	7.3
1/24/75	6	48	3.506	3.515	963	1.000	963	9.3
1/24/75	1	130	3.655	3.671	1439	1.051	1512	10.6
1/24/75	2	131	3.650	3.666	1440	1.057	1522	10.5
1/24/75	7	132	3.663	3.684	1441	1.055	1520	13.8
1/24/75	8	133	3.665	3.684	1461	1.047	1530	12.4
1/30/75	1	134	3.670	3.692	1440	1.051	1513	14.5
1/30/75	2	135	3.631	3.655	1440	1.057	1522	15.8
1/30/75	3	142	3.654	3.678	1440	1.070	1541	15.6
1/30/75	7	143	3.665	3.682	1440	1.055	1519	11.2
1/30/75	5	144	3.659	3.681	1440	1.052	1515	14.5
1/30/75	4	145	3.662	3.677	1440	1.045	1505	10.0
1/30/75	8	147	3.674	3.692	909	1.047	952	18.9
2/ 5/75	3	136	3.657	3.673	1441	1.070	1542	10.4
2/ 5/75	2	137	3.647	3.661	1441	1.057	1523	9.2
2/ 5/75	4	138	3.648	3.659	1441	1.045	1506	7.3
2/ 5/75	6	146	3.686	3.695	782	1.000	782	11.5

HIGH VOLUME FILTERS

WHITE RIVER SHALE PROJECT, UTAH

RUN DATE	SITE	FILTER NO.	INT. WT. (gms)	FIN. WT. (gms)	TIME (min)	FLOW RATE (cu m/min)	FLOW VOL (cubic m)	PARTICULATE WT. (microgms/cubic m)
2/ 5/75	5	148	3.689	3.703	1440	1.052	1515	9.2
2/ 5/75	7	149	3.671	3.683	1440	1.055	1519	7.9
2/ 5/75	1	150	3.679	3.688	623	1.051	655	13.7
2/11/75	3	139	3.667	3.679	1441	1.070	1542	7.8
2/11/75	7	140	3.678	3.688	1441	1.055	1520	6.6
2/11/75	4	141	3.658	3.665	1440	1.045	1505	4.7

HIGH VOLUME FILTERS

WHITE RIVER SHALE PROJECT, UTAH

RUN DATE	SITE	FILTER NO.		INT. WT. (gms)	FIN. WT. (gms)	TIME (min)	FLOW RATE (cu m/min)	FLOW VOL (cubic m)	PARTICULATE WT. (microgms/cubic m)
2/11/75	1	WRU	1	3.677	3.683	1440	1.051	1513	4.0
2/11/75	6	WRU	2	3.703	3.707	658	1.000	658	6.1
2/11/75	2	WRU	3	3.552	3.557	1440	1.057	1522	3.3
2/11/75	5	WRU	4	3.551	3.559	1440	1.052	1515	5.3
2/17/75	6	WRU	5	3.534	3.546	1855	1.000	1855	6.5
2/17/75	4	WRU	6	3.555	3.562	1440	1.045	1505	4.7
2/17/75	2	WRU	7	3.515	3.526	1440	1.057	1522	7.[illegible]
2/23/75	3	WRU	8	3.528	3.538	1442	1.070	1543	6.5
2/17/75	3	WRU	9	3.520	3.532	1440	1.070	1541	7.8
2/17/75	1	WRU	10	3.556	3.569	1440	1.051	1513	8.6
2/17/75	5	WRU	11	3.542	3.558	1439	1.052	1514	10.6
2/17/75	8	WRU	12	3.534	3.542	1440	1.047	1508	5.3
2/17/75	7	WRU	13	3.538	3.547	1441	1.055	1520	5.9
2/23/75	4	WRU	14	3.559	3.568	1440	1.045	1505	6.0
2/23/75	8	WRU	15	3.521	3.531	1440	1.047	1508	6.6
2/23/75	5	WRU	16	3.541	3.553	1440	1.052	1515	7.9
2/23/75	7	WRU	17	3.563	3.572	1440	1.055	1519	5.9
2/23/75	2	WRU	18	3.547	3.553	1441	1.057	1523	3.9
2/23/75	1	WRU	19	3.554	3.564	1440	1.051	1513	6.6
2/23/75	6	WRU	20	3.551	3.553	67	1.000	67	29.9
3/ 1/75	3	WRU	21	3.547	3.562	1440	1.070	1541	9.7
3/ 1/75	6	WRU	22	3.567	3.579	1385	1.000	1385	8.7
3/ 1/75	7	WRU	23	3.562	3.576	1440	1.055	1519	9.2
3/ 1/75	1	WRU	24	3.558	3.572	1441	1.051	1514	9.2
3/ 1/75	2	WRU	25	3.553	3.564	1454	1.057	1537	7.2
3/ 1/75	5	WRU	26	3.571	3.587	1441	1.052	1516	10.6
3/ 1/75	4	WRU	27	3.554	3.569	1440	1.045	1505	10.0
3/ 7/75	4	WRU	28	3.551	3.567	1441	1.045	1506	10.6
3/ 7/75	6	WRU	29	3.559	3.582	2219	1.000	2219	10.4
2/11/75	8	WRU	30	3.554	3.563	1421	1.047	1488	6.0
3/ 7/75	7	WRU	31	3.549	3.555	1441	1.055	1520	3.9
3/ 7/75	3	WRU	32	3.569	3.575	1301	1.070	1392	4.3
3/ 7/75	8	WRU	33	3.568	3.581	1440	1.047	1508	8.6
3/ 7/75	5	WRU	34	3.555	3.567	1310	1.052	1378	8.7
3/13/75	5	WRU	36	3.547	3.558	1090	1.052	1147	9.6
3/13/75	3	WRU	37	3.546	3.556	1441	1.070	1542	6.5
3/13/75	7	WRU	38	3.565	3.579	1441	1.055	1520	9.2
3/13/75	8	WRU	39	3.538	3.550	1441	1.047	1509	8.0
3/19/75	3	WRU	40	3.513	3.523	1442	1.070	1543	5.2
3/ 7/75	1	WRU	43	3.542	3.549	1440	1.051	1513	4.6
3/ 7/75	2	WRU	44	3.564	3.572	1440	1.057	1522	5.3
3/13/75	6	WRU	45	3.529	3.540	1377	1.000	1377	8.0
3/13/75	4	WRU	46	3.552	3.567	1441	1.045	1506	10.0
3/13/75	2	WRU	47	3.564	3.588	1440	1.057	1522	15.8
3/13/75	1	WRU	48	3.572	3.588	1440	1.051	1513	10.6
3/19/75	6	WRU	50	3.551	3.587	2629	1.000	2629	13.7
3/19/75	2	WRU	51	3.531	3.547	1440	1.057	1522	10.5
3/19/75	1	WRU	52	3.563	3.577	1440	1.051	1513	9.3

CORRECTED DATA

ENTERED 91

QC Checked 3/22/75 By: [illegible]

RADIATION

(μR/hr.)

DATA FOR MONTH OF Jan 1975 STATION NUMBER A1

REPORTING GROUP AEROVIRONMENT INC.

…TION LOCATED AT Utah Site A-1

…ORT PREPARED BY B. DelaTorre

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DAILY	PEAK TIME	CALIBRATIO
	CLOCK HOUR (standard …																											
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28								START OF DATA																				
29													I…															
30													TM															
31													TM															
AVERAGE																												

CORRECTED DATA

ENTERED 41

QC Checked: 3/29/75 By: [illegible]

①

RADIATION

(μR/hr.)

DATA FOR MONTH OF FEB 197 75 STATION NUMBER A I

REPORTING GROUP AEROVIRONMENT INC.

STATION LOCATED AT UTAH

REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1			—	—	—	—	—	—	—	—		m	—	—	—	—	—	—	—	—	—	—	—					(1)
2				—	—	—	—	—	—	—		-r	—	—	—	—	—	—	—	—								
3									—	—	—	—	—	—	—	Cal	END	OF	DATA									✓
4																												✓
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28																												
29																												
30																												
31																												
AVERAGE																												

ENTERED 41

QC Checked 3-29-[illegible] By: DC

①

UNCORRECTED DATA

RADIATION

(μR/hr.)

DATA FOR MONTH OF FEB 197 75 STATION NUMBER A-4

REPORTING GROUP AEROVIRONMENT INC.

STATION LOCATED AT [illegible]

REPORT PREPARED BY [illegible]

DAY	CLOCK HOUR (standard time)																									DAILY	PEAK	CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22															STI			[illegible]	[illegible]	19.5	19.5	19.5	19.5	[illegible]				
23	[illegible]	[illegible]												PF														
24												PF																
25												PF																
26												PF																
27												PF																
28												PF														[illegible]		
29																												
30																												
31																												
AVERAGE																												

QC Checked 2-4-75 By: A G.

CORRECTED DATA

Entered Tape 4/2

RADIATION

(μR/hr.)

DATA FOR MONTH OF Mar 197 5 STATION NUMBER A4

REPORTING GROUP AEROVIRONMENT INC.

STATION LOCATED AT Utah

REPORT PREPARED BY Bob De La Torre (DLE)

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATIO.
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14				18	19	20	21	22	23			TIME	
1	<—	—	—	—	—	?	—	—	—	—>	18	10	8	4	4				2	6	4	6	10	6				
2	4	4	4	4	2	2	2	0	2	2	2	2	0	0	6	6	[illegible]	4	2	4	2	4	6	6				
3	10	8	4	8	8	8	8	10	10	8	6	6	6	8	6	6	4	4	6	6	6	6	6	8				
4	8	8	8	10	12	12	16	14	12	16	12	12	12	10	8	8	8	8	8	8	8	8	6	8				
5	10	12	14	14	14	14	12	14	11	12	8	8	8	8	8	8	6	6	6	6	6	8	8	8				
6	10	10	10	10	12	10	12	12	12	14	← END DATA																	
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28																												
29																												
30																												
31																												
AVERAGE																												

CORRECTED DATA

QC Checked 2-4-? By: D.G.

RADIATION

(μR/hr.)

DATA FOR N[illegible] [illegible]75 STATION NUMBER A9

REPORTING GROUP AEROVIRONMENT INC.

STATION LOCATED AT Utah

REPORT PREPARED BY Bob De La Torre

CLOCK HOUR (standard time)

DAY	00	01		03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		DA[illegible]	TIME	[illegible]CALIBRATIO
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15												START	—	—	12.5	12.5	12.5	12.5	12.5	12.5	12.0	12.0	12.0	12.0				
16	[illegible]	11.0	11.5	11.0	10.5	10.5	[illegible]	9.5	9.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9.5	9.5	10.0	[illegible]	10.0	10.0				
17	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	10.5	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	[illegible]	9.5	9.5				
18	9.5	9.5	9.5	9.5	10.0	10.0	10.0	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	[illegible]	9.5	9.5				
19	[illegible]	[illegible]	9.5	10.0	10.0	10.0	9.5	10.0	[illegible]		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.0	8.5	[illegible]	8.0	8.5	8.5	8.5				
20	9.0	8.5	8.5	[illegible]	8.5	8.5	8.5	8.5	9.0	8.5	8.5	8.0	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5				
21	8.5	8.5	8.5	[illegible]	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5				
22	8.5	8.5	8.5	8.5	8.5	9.0	9.0	9.0	9.5	9.5	9.0	9.0	9.0	9.0	8.5	9.0	←	—	END	OF	DATA							
23																												
24																												
25																												
26																												
27																												
28																												
31																												
AVERAGE																												

CORRECTED DATA

QC Checked 4-4-75 By: DG.

Entered ? [illegible]

RADIATION

(μR/hr.)

DATA FOR MONTH OF Mar 1975 STATION NUMBER A11
REPORTING GROUP AEROVIRONMENT INC.
STATION LOCATED AT Utah
REPORT PREPARED BY Bob De La Torre (DLE)

DAY	CLOCK HOUR (standard time)																									DAILY PEAK		CALIBRATION
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			TIME	
1																												
2																												
3																												
4																												
5																												
6																												
7								START	⟶		20	20	20	20	20	18	18	20	20	18	18	18	18	18				
8	18	18	18	18	18	18	20	20	18	18	20	20	18	18	18	18	18	18	18	20	20	18	18	20				
9	20	18	18	18	20	20	18	18	20	20	18	18	18	20	20	18	18	18	20	20	18	18	18	20				
10	20	18	18	18	20	20	18	18	18	20	20	18	18	18	20	20	18	18	18	20	20	18	18	18				
11	20	20	18	18	18	18	18	20	20	18	18	18	20	20	20	18	20	20	20	20	18	18	18	20				
12	20	18	18	18	18	20	20	18	18	18	18	20	20	18	18	18	18	20	20	18	18	18	18	18				
13	18	18	18	18	18	18	18	20	20	18	⟵	—	END DATA															
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28																												
29																												
30																												
31																												
AVERAGE																												

IV. BIOLOGY

IV. BIOLOGICAL RESOURCES

The biological resources portion of the baseline monitoring program is divided into four sections; vegetation, terrestrial vertebrates, terrestrial invertebrates and aquatic biology. No data were collected in the terrestrial invertebrate program during the second quarter; sampling will resume in the third quarter.

A. VEGETATION

Vegetation in Tracts U-a and U-b has been categorized into four types; Shadscale - Black Sagebrush, Sagebrush - Greasewood, Juniper - Sagebrush and Riparian. Five areas within each vegetation type were selected to reflect variation in vegetative characteristics and productivity. These areas are delineated in Figure 1 of the Summary report of Quarterly Report #2. A preliminary species list for each of the four vegetative types is included in Section IV.A.1.

The first computer print-offs from the phenology sampling program are presented in Section IV.A.2. The phenology program defines seasonal variations in growth patterns. Late summer/early fall growth patterns are reflected in this set of data. The fall sampling (conducted September 26 and 27) is used to estimate total annual production for the perennial plant species. Sampling of annual plants will be conducted at the peak of the spring growing season in 1975. Results from the phenology sampling of winter and spring will be available in Quarterly Report #3, Field Data.

B. TERRESTRIAL VERTEBRATES

Data collected for the terrestrial vertebrate sampling program is prepared as species lists by vegetation type and sampling period and as species numbers by sampling site and sampling period. Sampling of terrestrial vertebrates is conducted bi-monthly. The three shadscale sites and the single riparian/greasewood site were each sampled for two days in December and February. Section IV.B, indicates the preliminary results of these samples. No large mammal (telemetry) data were collected during the second quarter.

C. AQUATIC BIOLOGY

The aquatic biology program includes sampling for aquatic macrophytes, periphyton, plankton, macro invertebrates and fish. Aquatic sampling points are indicated on Figure 1 in the summary report of Quarterly Report #2. Section IV.C.1 in this document is a total of all fish collected from White River, Utah. Section IV.C.2 indicates samples taken from Stations F-3 and F-4 on February 12-16, 1975.

IV.A.

1. PRELIMINARY SPECIES LIST FOR FOUR VEGETATIVE TYPES

Preliminary Species List for the Shadscale-Black Sagebrush Type

Atrcon.	Atriplex confertifolia
G~~B~~utsar.	Gutierrezia sarothrae
Astspp.	Aster species
Artlud.	Artemisia ludoviciana
Erispp.	Erigeron species
Oryhym.	Oryzopsis hymenoides
Halglo.	Halogeton glomeratus
Salkal.	Salsoka kali
Erigsp.	Erigonom species
Arttri.	Artemisia tridentata
Tetspi.	Tetradymia spinosa
Opuspp.	Opuntia spp.
Sarver.	Sarcobatus vermiculatus
Hymeno.	Hymenoxys species
Kocves.	Kochia vestita
Eurlan.	Eurotia lanata
Sphaer.	Sphaeralcea species
Artnov.	Artemisia nova
Sticom.	Stipa comata
Eupspp.	Euphorbia species
Sithys.	Sitanion hystrix
Agrsmi.	Agropyron smithii
Chrvis.	Chrysothamnus viscidiflorus
Hiljam.	Hilaria jamesii
Crucif.	Cruciferae species

Stalit
LItter
Bargro
Grygrm

Preliminary Species List for the Sagebrush-Greasewood Type

Arttri	Artemisia tridentata
Graspi	Grayia spinosa
Sarver	Sarcobatus vermiculatus
Salkal	Salsola kali
Atrcon	Atriplex confertifolia
Oryhym	Oryzopsis hymenoides
Chrvis	Chrysothamnus viscidiflorus
Eurlan	Eurotia lanata
Opuspp	Opuntia species
Tetspi	Tetradymia spinosa
Sticom	Stipa comata
Crucif	Cruciferae species
Gutsar	Gutierrezia sarothrae
Erigsp	Eriogonum species
Erispp	Erigeron species
Artnov	Artemisia nova
Hiljam	Hilaria jamesii
Ambpsi	Ambrosia psilostachy
Spocry	Sporobolus cryptandrus
Kocves	Kochia vestita
Sphaer	Sphaeralcea species
Sithys	Sitanion hystrix

Stalit
Litter
Bargro
Crygrm

Preliminary Species List of the Juniper-Sagebrush Type

Eupspp.	Euphorbia species
Oryhym.	Oryzopsis hymenoides
Erispp.	Erigeron species
Chrvis.	Chrysothamnus viscidiflorus
Gutsar.	Gutierrezia sarothrae
Bougra.	Bouteloua gracilis
Artnov.	Artemisia nova
Erigsp.	Eriogonom species
Hiljam.	Hilaria jamesii
Crucif.	Cruciferae species
Junost.	Juniperus osteosperma
Agrsmi.	Agropyron smithii
Sticom.	Stipa comata
Artlud.	Artemisia ludoviciana
Mulasp.	Muhlenbergia asperifolia
Atrcon.	Atriplex confertifolia
Disspi.	Distichlis spicata
Astspp.	Aster species
Chrgre.	Chrysothamnus greenei
Ephvir.	Ephedra viridus
Artdra.	Artemisia dracunculus
Phloxp.	Phlox species
Hymeno.	Hymenoxys species
Arttri.	Artemisia tridentata
Solrig.	Sloidago rigida
Compal.	Comandra pallida
Sithys.	Sitanion hystrix

Juniper-Sagebrush Type Continued

Opuspp.	Opuntia species
Crypta.	Cryptantha species

Litter
Bargro
Stalit

Poafen.	Poa fendleriana
Poasan.	Poa sandbergii
Halglo.	Halogeton glomeratus
Forspi.	Forsellesia spinescens
Seneco.	Senecio species
Tatspi.	Tetradymia spinosa

Preliminary Species List for the Riparian Type

Equarv.	Equisetum arvense
Junbal.	Juncus balticus
Popfre.	Populus fremontii
Chrvis.	Chrysothamnus viscidiflorus
Salexi.	Salix exigua
Tampen.	Tamarix pentandra
Disspi.	Distichlis spicata
Ivaaxi.	Iva axillaris
Agrsmi.	Agropyron smithii
Chrnau.	Chrysothamnus nauseosus
Phrcom.	Phragmites communis
Sisalt.	Sisymbrium altissium
Cirspp.	Cirsium species
*Cenpau.	Cenchrus pauciflorus
Atrpat.	Atriplex patula
Artlud.	Artemisia ludoviciana
Sarver.	Sarcobatus vermoculatus
Salkal.	Salsola kali
Kocsco.	Kochia scoparia
Spoair.	Sporobolus airoides
Sphaer.	Sphaeralcea species
Clelig.	Clematis ligusticifolia
Poafen.	Poa fendleriana
Meloff.	Melilotus officinalis
Arttri.	Artemisia tridenta
Ambpsi.	Ambrosia psilostachya
Rhutri.	Rhus trilobata

Riparian Type Continued

Grmgrm
Litter
Stalit
Bargro

Mulasp	Muhlenbergia asperifolia
Opuspp	Opuntia species

IV.A.

2. PHENOLOGY SAMPLING

```
                 ET                          % OF PLANTS
   D A T E       GE     SPECIES          PHENOLOGICAL STATE
                 ↓↓
   740926        31     TETSPI

   SUMMER DORMANCY                           100 PERCENT

   SUMMER LEAVES                             100 PERCENT

   740926        31     GUTSAR

   FULL FLOWER                                80 PERCENT

   740926        31     ATRCON

   SEEDS NEARING MATURITY                     75 PERCENT

   SUMMER LEAVES                             100 PERCENT

   FALL LEAF ABSCISSION                       10 PERCENT

   740926        31     ASTSPP

   FALL LEAF ABSCISSION                       90 PERCENT

   FLOWERING COMPLETE - DRYING UP            100 PERCENT

   740926        31     ORYHYM

   DISCOLORATION - LOSING COLOR               40 PERCENT

   SEED DESSIMINATION COMPLETE                80 PERCENT

   740926        31     ARTTRI

   SUMMER LEAVES                             100 PERCENT

   SEED STALK ELONGATION COMPLETE            100 PERCENT

   DISCOLORATION - LOSING COLOR               35 PERCENT

   740926        32     ARTCON

   SEEDS NEARING MATURITY                     15 PERCENT

   SUMMER LEAVES                             100 PERCENT

   740926        32     ARTNOV

   DISCOLORATION - LOSING COLOR               90 PERCENT

   SUMMER LEAVES                             100 PERCENT

   SEED STALK ELONGATION COMPLETE            100 PERCENT

   740926        32     GUTSAR

   FLOWER INITIATION                         100 PERCENT

   FALL LEAF ABSCISSION                       20 PERCENT

   740926        32     ASTSPP
```

```
FALL LEAF ABSCISSION                 70 PERCENT
FLOWERING COMPLETE - DRYING UP      100 PERCENT
SEED DESSIMINATION COMPLETE          20 PERCENT
740926      33     ARTCON
SUMMER LEAVES                       100 PERCENT
SEEDS NEARING MATURITY               75 PERCENT
740926      33     ERIMIC
SEEDS NEARING MATURITY               40 PERCENT
FULL FLOWER                          60 PERCENT
FALL LEAF ABSCISSION                 20 PERCENT
740926      33     ARTNOV
TIGHT FLOWER BUD STAGE               95 PERCENT
SEED STALK ELONGATION COMPLETE      100 PERCENT
SUMMER LEAVES                       100 PERCENT
740926      33     HALGLO
SEEDS NEARING MATURITY              100 PERCENT
COLORATION - GAIN COLOR             100 PERCENT
740926      33     ORYHYM
DISCOLORATION - LOSING COLOR         70 PERCENT
SEED DESSIMINATION COMPLETE         100 PERCENT
740926      33     SPHCOC
DISCOLORATION - LOSING COLOR         40 PERCENT
740928      34     ARTNOV
SUMMER LEAVES                       100 PERCENT
SEED STALK ELONGATION COMPLETE      100 PERCENT
TIGHT FLOWER BUD STAGE              100 PERCENT
                   CHRNAU
740928      34     CHYNAU
SUMMER LEAVES                       100 PERCENT
FALL LEAF ABSCISSION                 45 PERCENT
FULL FLOWER                          50 PERCENT
FLOWERING COMPLETE - DRYING UP       50 PERCENT
```

```
740928      34     STSPP

FLOWERING COMPLETE - DRYING UP    100 PERCENT

FALL LEAF ABSCISSION               80 PERCENT

740928      34     ATRCON

SUMMER LEAVES                     100 PERCENT

SEEDS NEARING MATURITY             70 PERCENT

FALL LEAF ABSCISSION               30 PERCENT
                   SIT HYS
740928      34     SATHYS

SEED DESSIMINATION COMPLETE       100 PERCENT

COLORATION - GAIN COLOR           100 PERCENT
                   HILTAM
740928      34     HALSAM

SEED DESSIMINATION COMPLETE       100 PERCENT

COLORATION - GAIN COLOR           100 PERCENT

SUMMER DORMANCY                   100 PERCENT

740928      34     OPUSPP

SUMMER DORMANCY                   100 PERCENT

740928      34     SARVER

SUMMER LEAVES                     100 PERCENT

FALL LEAF ABSCISSION               75 PERCENT

740928      35     TETSPI

SUMMER DORMANCY                   100 PERCENT

740928      35     ATRCON

SUMMER LEAVES                     100 PERCENT

SEEDS NEARING MATURITY             65 PERCENT

FALL LEAF ABSCISSION               20 PERCENT

740928      35     ARTTRI

SUMMER LEAVES                     100 PERCENT

SEED STALK ELONGATION COMPLETE    100 PERCENT

TIGHT FLOWER BUD STAGE            100 PERCENT

FALL LEAF ABSCISSION               10 PERCENT

740928      35     GUTSAR
```

```
SUMMER LEAVES                         100 PERCEN
TIGHT FLOWER BUD STAGE                100 PERCENT
FALL LEAF ABSCISSION                   65 PERCENT
740928      44     SALEXI
SPRING GROWTH - VEGETATIVE            100 PERCENT
FALL LEAF ABSCISSION                    5 PERCENT
FLOWERING COMPLETE - DRYING UP        100 PERCENT
SEED DESSIMINATION COMPLETE           100 PERCENT
740928      44     TAMPEN
FALL LEAF ABSCISSION                   65 PERCENT
FULL FLOWER                           100 PERCENT
FLOWERING COMPLETE - DRYING UP         10 PERCENT
DISCOLORATION - LOSING COLOR           65 PERCENT
                   CHRVIS
740928      44     CHYVIS
SUMMER LEAVES                         100 PERCENT
FALL LEAF ABSCISSION                   20 PERCENT
740928      44     MELOFF
FALL LEAF ABSCISSION                   75 PERCENT
740928      44     ELYCIN
SEEDS NEARING MATURITY                100 PERCENT
SEED DESSIMINATION COMPLETE            80 PERCENT
COLORATION - GAIN COLOR               100 PERCENT
740928      44     AGRSMI
SEEDS NEARING MATURITY                 70 PERCENT
COLORATION - GAIN COLOR                80 PERCENT
                   CHRNAU
740927      45     CHYNAU
SUMMER LEAVES                         100 PERCENT
FULL FLOWER                           100 PERCENT
SOFT DOUGH STAGE                       75 PERCENT
740927      45     ARTTRI
SUMMER LEAVES                         100 PERCENT
```

```
FALL LEAF ABSCISSION                20 PERCENT

SEED STALK ELONGATION COMPLETE     100 PERCENT

FULL FLOWER                         50 PERCENT

740927      45     SALKAL

COLORATION - GAIN COLOR            100 PERCENT

SEEDS NEARING MATURITY              80 PERCENT

FLOWERING COMPLETE - DRYING UP      20 PERCENT

740927      11     ARTTRI

SUMMER LEAVES                      100 PERCENT

SEED STALK ELONGATION COMPLETE     100 PERCENT

TIGHT FLOWER BUD STAGE             100 PERCENT

FALL LEAF ABSCISSION                 5 PERCENT

740927      11     SARVER

SUMMER LEAVES                      100 PERCENT

SEED STALK ELONGATION COMPLETE     100 PERCENT

FALL LEAF ABSCISSION                10 PERCENT

740927      11     GRASPI

SUMMER DORMANCY                    100 PERCENT

740927      12     GRASPI

SUMMER DORMANCY                    100 PERCENT

740927      12     ATRCON

SUMMER LEAVES                      100 PERCENT

SEEDS NEARING MATURITY              65 PERCENT

SEED STALK ELONGATION COMPLETE     100 PERCENT

FALL LEAF ABSCISSION                 5 PERCENT

740927      12     ARTTRI

SEED STALK ELONGATION COMPLETE     100 PERCENT

SUMMER LEAVES                      100 PERCENT

TIGHT FLOWER BUD STAGE             100 PERCENT

FALL LEAF ABSCISSION                 5 PERCENT

740927      12     OPUSPP
```

```
SUMMER DORMANCY                   100 PERCENT

740927      12     ORYHYM

SEED DESSIMINATION COMPLETE       100 PERCENT

COLORATION - GAIN COLOR            90 PERCENT

SUMMER DORMANCY                   100 PERCENT

740927      12     EURLAN

SEED STALK ELONGATION COMPLETE    100 PERCENT

TIGHT FLOWER BUD STAGE            100 PERCENT

FALL LEAF ABSCISSION               20 PERCENT

740927      13     SARVER

FALL LEAF ABSCISSION               40 PERCENT

FLOWERING COMPLETE - DRYING UP    100 PERCENT

740927      13     SALKAL

FLOWERING COMPLETE - DRYING UP    100 PERCENT

COLORATION - GAIN COLOR           100 PERCENT
                   CHRGRE
740927      14     CHYGRE

FALL LEAF ABSCISSION               95 PERCENT

TIGHT FLOWER BUD STAGE            100 PERCENT

740927      14     ARTTRI

SUMMER LEAVES                     100 PERCENT

SEED STALK ELONGATION COMPLETE    100 PERCENT

TIGHT FLOWER BUD STAGE            100 PERCENT

740927      14     GRASPI

SUMMER DORMANCY                   100 PERCENT

740927      14     SARVER

FALL LEAF ABSCISSION               10 PERCENT

SUMMER LEAVES                     100 PERCENT

740927      14     ATRCON

SUMMER LEAVES                     100 PERCENT

FALL LEAF ABSCISSION               15 PERCENT

740927      14     STICOM
```

```
SEED DESSIMINATION COMPLETE       100 PERCENT
DISCOLORATION - LOSING COLOR       70 PERCENT
740927     15    ARTNOV
SUMMER LEAVES                     100 PERCENT
SEED STALK ELONGATION COMPLETE    100 PERCENT
TIGHT FLOWER BUD STAGE             85 PERCENT
DISCOLORATION - LOSING COLOR       15 PERCENT
FALL LEAF ABSCISSION               10 PERCENT
740927     15    STICOM
SUMMER DORMANCY                   100 PERCENT
COLORATION - GAIN COLOR            40 PERCENT
SEED DESSIMINATION COMPLETE       100 PERCENT
740927     15    ORYHYM
SUMMER DORMANCY                   100 PERCENT
COLORATION - GAIN COLOR            80 PERCENT
SEED DESSIMINATION COMPLETE       100 PERCENT
740927     15    ERISPP
FULL FLOWER                        15 PERCENT
DISCOLORATION - LOSING COLOR       85 PERCENT
FALL LEAF ABSCISSION               50 PERCENT
SUMMER LEAVES                     100 PERCENT
740927     15    GUTSAR
SUMMER LEAVES                     100 PERCENT
DISCOLORATION - LOSING COLOR      100 PERCENT
FALL LEAF ABSCISSION                5 PERCENT
740927     21    JUNOST
SUMMER DORMANCY                   100 PERCENT
WINTER DORMANCY                     0 PERCENT
740927     21    SOLRIG
FLOWERING COMPLETE - DRYING UP    100 PERCENT
FLOWERING COMPLETE - DRYING UP    100 PERCENT
```

```
740927     21     RYPSP
SEED STALK ELONGATION COMPLETE   100 PERCENT
FALL LEAF ABSCISSION              70 PERCENT
740927     21     ERISPP
FULL FLOWER                      100 PERCENT
740927     21     ARTNOV
SEED STALK ELONGATION COMPLETE   100 PERCENT
DISCOLORATION - LOSING COLOR      50 PERCENT
FALL LEAF ABSCISSION              25 PERCENT
SUMMER LEAVES                    100 PERCENT
TIGHT FLOWER BUD STAGE            50 PERCENT
                  CHRNAU
740927     22     YNAU
SUMMER VEGETATIVE REGROWTH         0 PERCENT
SEED DESSIMINATION COMPLETE      100 PERCENT
                  CHRGRE
740927     22     CHYGRE
SUMMER LEAVES                    100 PERCENT
SEED STALK ELONGATION COMPLETE   100 PERCENT
FALL LEAF ABSCISSION              15 PERCENT
740927     22     CRYPSP
SEED DESSIMINATION COMPLETE      100 PERCENT
FALL LEAF ABSCISSION              20 PERCENT
740927     22     JUNOST
SUMMER DORMANCY                  100 PERCENT
740927     23     SOLRIG
SEED STALK ELONGATION COMPLETE   100 PERCENT
FLOWERING COMPLETE - DRYING UP    20 PERCENT
FALL LEAF ABSCISSION              30 PERCENT
740927     23     ARTNOV
SUMMER LEAVES                    100 PERCENT
SEED STALK ELONGATION COMPLETE   100 PERCENT
DISCOLORATION - LOSING COLOR      80 PERCENT
```

```
FALL LEAF ABSCI[illegible]ON                   5 PERCE[illegible]
740927     23    ATRCON
SUMMER LEAVES                          100 PERCENT
FALL LEAF ABSCISSION                    30 PERCENT
740927     23    AGRSMI
SUMMER VEGETATIVE REGROWTH             100 PERCENT
SEED DESSIMINATION COMPLETE             25 PERCENT
COLORATION - GAIN COLOR                 75 PERCENT
740927     23    JUNOST
SUMMER DORMANCY                        100 PERCENT
740927     24    ATRCON
SUMMER.LEAVES                          100 PERCENT
SEED STALK ELONGATION COMPLETE         100 PERCENT
SEEDS NEARING MATURITY                  55 PERCENT
FALL LEAF ABSCISSION                    30 PERCENT
740927     24    GUTSAR
SUMMER LEAVES                          100 PERCENT
TIGHT FLOWER BUD STAGE                  85 PERCENT
740927     24    ARTNOV
SUMMER LEAVES                          100 PERCENT
SEED STALK ELONGATION COMPLETE         100 PERCENT
TIGHT FLOWER BUD STAGE                  95 PERCENT
                 CHRGRE
740927     24    CHYGRE
SUMMER LEAVES                          100 PERCENT
FALL LEAF ABSCISSION                    40 PERCENT
740927     24    SITHYS
SEED DESSIMINATION COMPLETE            100 PERCENT
COLORATION - GAIN COLOR                100 PERCENT
740927     25    GUTSAR
FULL FLOWER                             60 PERCENT
SUMMER LEAVES                          100 PERCENT
```

```
FALL LEAF ABSCIS[illegible]ON                15 PERCENT
740927      25    ERISPP
FULL FLOWER                           70 PERCENT
FALL LEAF ABSCISSION                  80 PERCENT
740927      25    JUNOST
SUMMER DORMANCY                      100 PERCENT
                  CHRNAU
740927      25    CHYNAU
FALL LEAF ABSCISSION                 100 PERCENT
740927      25    AGRSMI
SEED DESSIMINATION COMPLETE            5 PERCENT
740927      25    ARTNOV
SUMMER LEAVES                        100 PERCENT
FALL LEAF ABSCISSION                  30 PERCENT
SEED STALK ELONGATION COMPLETE       100 PERCENT
740927      25    CRYPSP
FALL LEAF ABSCISSION                  30 PERCENT
SEED DESSIMINATION COMPLETE          100 PERCENT
                  HILJAM
740927      25    HⒶJAM
SEED DESSIMINATION COMPLETE          100 PERCENT
```

IV.B.

TERRESTRIAL VERTEBRATES

Table 1. Bird species list from observations on or within 1.6 km of Utah oil shale tracts. R = riparian, J = juniper, S = shadscale, G = greasewood, X = bird observed, and O = bird sign observed.

Bird	Sampling Period and Vegetation Type																							
	Dec. 1974				Feb. 1975				April 1975				June 1975				Aug. 1975				Oct. 1975			
	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G
Common Flicker	X			X	X																			
Hairy Woodpecker	X																							
Loggerhead Shrike	X		X	X			X																	
Dark-eyed Junco	X		X	X	X																			
Golden Eagle	X	X	X	X	X	X	X	X																
Kestrel				X																				
Common Bushtit	X	X		X																				
Common Raven	X	X			X	0		X																
Plain Tit		X				X																		
Pinon Jay		X				X		X																
Black-billed Magpie	X	X	X		X	X		X																
Black-capped Chickadee	X				X																			
Gray-crowned Rosy Finch				X																				
Cooper's Hawk		X																						
Black Rosy Finch	X				X																			
Great Horned Owl		X				X																		
Peregrine Falcon (?)		X																						
Horned Lark			X				X	X																
Scrub Jay		X		X		X		X																
Long-eared Owl					X																			
Goshawk					X																			
Bald Eagle					X																			
Mallard								X																
Downy Woodpecker					X																			
Tree Sparrow								X																
Marsh Hawk							X																	
American Robin						X																		

Table 2. Mammal species list from observations on or within 1.6 km of Utah oil shale tracts, R = riparian, J = juniper, S = shadscale, G = greasewood, X = mammal observed, and O = mammal sign observed.

Mammal	Sampling Period and Vegetation Type																							
	Dec. 1974				Feb. 1975				April 1975				June 1975				Aug. 1975				Oct. 1975			
	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G	R	J	S	G
Desert Cottontail Rabbit	X		X	X	O	X	X	X																
Deer Mouse	X	X	X	X	X		X	X																
Sheep		X	X	X	X																			
Muskrat	X																							
Coyote			X	O																				
Desert Wood Rat		X				X		X																
Mule Deer	X	O	X			X		X																
White-tailed Antelope Ground Squirrel		X	X	X	X	X	X																	
Cattle	X																							
Bat (sp.)	O																							
Beaver	X																							
Raccoon	X																							
Badger			X																					
Porcupine	X				X																			
Golden-mantled Ground Squirrel						X	X																	
Colorado Chipmunk						X																		

Table 3. Bird numbers, estimated wet weight biomass, and distance from transect line on sampling sites during December 1974 sampling period. PR = primary riparian, OR = off-tract riparian, RG = riparian greasewood, PG = primary greasewood, SG = secondary greasewood, OG = off-tract greasewood, PJ = primary juniper, SJ = secondard juniper, OJ = off-tract juniper, and PS = primary shadscale.

Sampling Site	Bird	Distance (m)												Number		Biomass (kg	
		0 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 75	76 - 100	+ 100	No. Sample	Observe	Per Ha	Observe	Per Ha
PR	Common Flicker		1							1			2	2	-	.3	-
OR	Hairy Woodpecker					1			1				2	2	-	.13	-
	Passerine (species unidentified)									2			1	2	-		
	Loggerhead Shrike	1											1	1	-	.15	-
RG	Dark-eyed Junco				10				12				2	22	-	.15	-
	Golden Eagle											2	2	2	-	.44	-
	Kestrel									1			1	1	-		
	Common Bushtit					12							1	12	-	.10	-
PG	Golden Eagle											1	1	1	-		
SG	Golden Eagle											1	1	1	-		
OG	Loggerhead Shrike	1											1	1	-	.15	-
PG	Common Raven										1		1	1	-		
	Plain Tit		1					1					2	2	-	.03	-
	Common Bushtit						12						1	12	-	.10	-
SJ	Plain Tit	1											1	1	-	.02	-
OJ	Golden Eagle										1		1	1	-		
	Pinon Jay						20						1	20	-	1.8	-
	Common Raven									2			2	2	-		
	Black-billed Magpie									1			1	1	-		
PS	Golden Eagle											1	1	1	-		
	Accipiter (species unidentified)								1				1	1	-		

Table 4. Bird numbers, estimated wet weight biomass, and dis[illegible]ce from transect line on sampling sites during [illegible]bruary 1[illegible] sampling period.

Sampling Site	Bird	Distance (m)											No. Samples	Number		Biomass (kg	
		0 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 75	76 - 100	+ 100		Observed	Per Ha	Observed	Per Ha
PR	Common Raven										2	1	2	3	-		
	Long-eared owl		1										1	1	-		
OR	Goshawk										1		1	1	-		
RG	Black-billed Magpie							1	4		1		5	6	-		
	Dark-eyed Junco	32				2							2	34	-	.37	-
SS	Marsh Hawk									2			2	2	-		
	Loggerhead Shrike						1						1	1	-	.15	-
PG	Accipiter (species unidentified)								1				1	1	-		
	Golden Eagle										1	2	3	3	-		
	Scrub Jay									1			1	1	-	.15	-
	Black-billed Magpie									3			2	3	-		
	Common Raven											1	1	1	-		
	Pinon Jay									44			1	44	-	6.6	-
OG	Horned Lark								25				1	25	-	.55	-
PJ	Pinon Jay					55							3	55	-	8.3	-
	Plain Tit			2									1	2	-	.03	-
SJ	Plain Tit					1							1	1	-	.02	
OJ	Black-billed Magpie			1						3	3		5	7	-		
	American Robin			1									1	1	-		
	Golden Eagle									1			1	1	-		

Table 5. Mammal numbers, estimated wet weight biomass, and distance from transect line on sampling sites during December 1974 sampling period.)$ = off-tract riparian, PG = riparian grassland, PG = primary grassland, OG = off-tract grassland, SJ = secondary juniper, OJ = off-tract juniper, PS = primary shadscale, SS = secondary shadscale.

Sampling Site	Mammal	Distance (m)											No. Samples	Number		Biomass (kg	
		0 - 10	11 - 20	21 - 30	31 - 40	41 - 50	51 - 75	76 - 100	101 - 200	201 - 300	301 - 400	+ 400		Observed	Per Ha	Observed	Per Ha
QR	Desert Cottontail Rabbit	1				1	1						3	3	-	3	-
RG	Desert Cottontail Rabbit	1											1	1	-	1	-
PG	White-tail Antelope Ground Squirrel			1									1	1	-	.12	-
OG	Desert Cottontail Rabbit	1					2						3	3	-	3	-
SJ	Desert Woodrat			1									1	1	-	.13	-
OJ	Sheep								40				1	40	-	2160	-
PS	Desert Cottontail Rabbit				1	1							2	2	-	2	-
SS	Desert Cottontail Rabbit	1		1						1			3	3	-	3	-

Table 6. Mammal numbers, estimated wet weight biomass, and distance from transect line on sampling sites during February 1975 sampling period. PR = primary riparian, PS = primary shadscale, and SS = secondary shadscale.

Sampling Site	Mammal	Distance (m)											No. Samples	Number		Biomass (kg)	
		0 - 10	11 - 20	21 - 30	31 - 40	41 - 50	51 - 75	76 - 100	101 - 200	201 - 300	301 - 400	+ 400		Observed	Per Ha	Observed	Per Ha
PR	Sheep								9				1	9	-	486	-
PS	Desert Cottontail Rabbit	5			4		1	4					14	14	-	14	-
	White-tail Antelope Ground Squirrel						2						2	2	-	.24	-
SS	Desert Cottontail Rabbit		1				1		1				3	3	-	3	-

IV.C.

1. FISH COLLECTED FROM WHITE RIVER, UTAH

FISHES COLLECTED FROM WHITE RIVER, UTAH

Station*	1	2	3	4	5	6	7	8	Totals
Salmo trutta**								1	1
Cyprinus carpio		1				3		4	8
Gila robusta		2	1	1		3			7
Pimepheles promelas			24	7	7				31
Notropis lutrensis	5	16	37	14	375	8	278	157	515
Catostomus discobulus	2	2	2	14					20
Catostomus latipinnis	10	26	43	27	21	2	7	1	116
Ictalurus punctatus								21	21
Rhynichthys osculus	4	10	33	40	91		12	17	116
Totals	21	57	140	103	494	16	297	201	1,329

*Station numbers were designated by DWR

DWR Station	VTN Station or location
1	F-1
2	F-3
3	F-4
4	F-5
5	Upstream of Bitter Creek Confluence
6	Leased agri. area near east Boundary of Indian Reservation
7	Mountain Fuel Supply Bridge
8	White River Bridge near Ouray

**Scientific and common names of White River fishes

Salmo trutta	Brown trout
Cyprinus carpio	European carp
Gila robusta	Roundtail chub
Pimepheles promelas	Fathead minnow
Notropis lutrensis	Red shiner
Catostomus discobulus (erroneously referred to in earlier report as _Pantosteus discobulus_)	Bluehead sucker
Catostomus latipinnis	Flannelmouth sucker
Ictalurus punctatus	Channel catfish
Rhynichthys osculus	Speckled dace

IV.C.

2. AQUATIC BIOLOGY SAMPLING STATIONS F-3 AND F-4

Station F-3 Feb. 14, 1975 Windowscreen sample

Limnophora aequifrons	3
Hydropsyche sp.	4
Brachyptera (*Taenionema*) *pacifica*	15
Rhithrogena undulata	1
Gomphus intricatus	1
Ephemerella sp.	1
Acroneuria sp.	1
Arcynopteryx sp.	1
Chironomidae	1
9 species	28

Station F-3 Feb. 14, 1975 Net plankton

Chironomidae

Cladophora glomerata several filaments

Cocconeis sp.

Cymbella sp.

Navicula sp.

Asphalt Wash well seep Feb. 15,1975

Spirulina subsalsa (abundant)

Navicula sp.

Gomphoneis sp.

Tribonema minor

Note: Johanson and Rushforth (in preparation) found six taxa of diatoms and seven taxa of other algae at this location during the summer of 1974. Their list included all of the above except *Gomphoneis*.

Station F-4 Feb. 12, 1975 Windowscreen sample

Brachyptera(subgenus *Taenionema*) *pacifica*		54
Rhithrogena undulata		15
Ephemerella sp.		4
Hydropsyche sp.		4
Baetis bicaudatus		1
Baetis sp. A		3
Brachycentrus sp.		1
Arcynopteryx sp.		5
Chironomidae		2
9 species,	total	89

Station F-4 Feb. 13, 1975 Windowscreen sample

Hydropsyche sp.	1
Gomphus intricatus	1
Arcynopteryx sp.	6
Baetis sp. A	2
Heptagena sp.	1
Chironomidae	8
Narpus sp. (Elmidae)	1
Limnophora puparium	1
8 species	21

Station F-3   February 16, 1975   Windowscreen sample

Taenionema pacifica	12
Hydropsyche sp.	4
Heptagena sp.	1
Rhithrogena undulata	1
Arcynopteryx sp.	2
Acroneuria sp.	1
6 species	21

F-3 Algae

Cladophora glomerata

Cymbella sp.

Meridion sp.

Diatoma sp.

Tabellaria sp.

Spirulina subsalsa

Gomphoneis